

# Converting Colors

XYZ(79.7089, 82.8338, 92.1028)

Have a look what the booklet for  
XYZ(79.7089, 82.8338, 92.1028)  
contains.

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# Color

**XYZ(79.6339, 82.9646,  
91.9374)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDEAED
RGB	237, 234, 237
RGB Percent	93%, 92%, 93%
CMY	0.0706, 0.0823, 0.0706
CMYK	0.00, 0.01, 0.00, 0.07
HSL	300°, 8%, 92%
HSV	300°, 1%, 93%
XYZ	79.6339, 82.9646, 91.9374
YIQ	235.2390, 0.8250, 1.5690

# Conversions

## Conversions Part 2

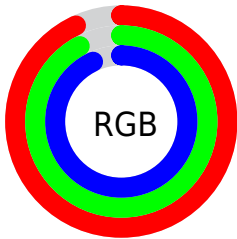
Format	Color
R <sub>Y</sub> B	237, 234, 237
Decimal	15592173
CIE Lab	93.00, 1.54, -1.11
CIE LCh	93, 1.896, 324.356
Yxy	82.9646, 0.3129, 0.3259
Android (android.graphics.Color)	4293782253 (0xFFE0E0)
YUV	235.2390, 0.8682, 1.5444
Hunter-Lab	91.0849, -3.3392, 3.9145

# Details

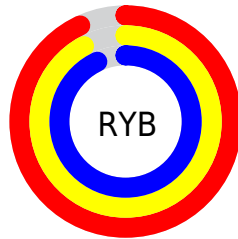
The XYZ color **79.6339, 82.9646, 91.9374** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.0704, 84.0036, 89.8931**, and the grayscale version is **79.1428, 83.2644, 90.6750**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3169, 45.0007, 50.1190** is the 20% darker color. If you saturate the color by 10%, you get **73.3332, 70.3631, 89.8384**, and if you desaturate by 10%, it is **85.9725, 95.6396, 94.0511**.

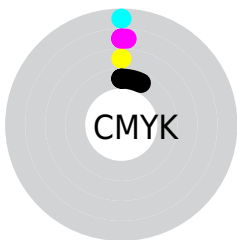
# Distribution



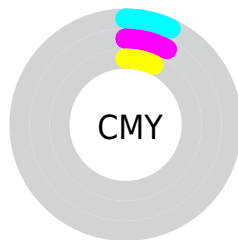
- Red (93%)
- Green (92%)
- Blue (93%)



- Red (93%)
- Yellow (92%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6339, 82.9646, 91.9374 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 79.6339, 82.9646, 91.9374 by changing the saturation by 10% instead.



79.6339, 82.9646,  
91.9374

79.6339, 82.9646,  
91.9374

482.4535,  
504.8685, 555.0451

59.7246, 62.1609,  
69.0059

131.8041,  
137.5259, 151.9856

43.4453, 45.1628,  
50.2447

164.7957,  
172.0523, 189.9393

30.4307, 31.5856,  
35.2353

202.8788,  
211.9218, 233.7376

20.3154, 21.0452,  
23.5592

246.4187,  
257.5187, 283.7988

12.7341, 13.1571,  
14.7978

295.7807,  
309.2274, 340.5417

7.3214, 7.5368,  
8.5326

351.3303,

3.7120, 3.8000,

367.4323, 404.3846

4.3449

413.4328,  
432.5179, 475.7463

■ 1.5406, 1.5623,  
1.8164

■ 0.3532, 0.3320,  
0.4388

■ 79.6339, 82.9646,  
91.9374

■ 79.6339, 82.9646,  
91.9374

■ 73.3332, 70.3631,  
89.8384

■ 85.9725, 95.6396,  
94.0511

■ 67.8971, 59.4920,  
88.0266

■ 85.9732, 95.6400,  
94.0511

■ 63.2901, 50.2789,  
86.4911

■ 85.9739, 95.6404,  
94.0512

■ 59.4713, 42.6425,  
85.2184

■ 85.9746, 95.6407,  
94.0512

56.3968, 36.4944,  
84.1937

85.9753, 95.6411,  
94.0512

54.0178, 31.7376,  
83.4009

85.9760, 95.6415,  
94.0513

52.2803, 28.2636,  
82.8220

85.9768, 95.6418,  
94.0513

51.1220, 25.9480,  
82.4361

85.9775, 95.6422,  
94.0513

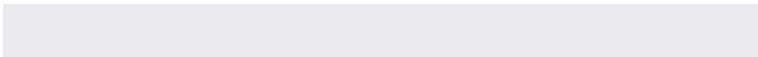
50.4682, 24.6415,  
82.2184

85.9782, 95.6426,  
94.0514

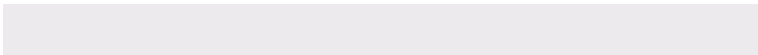
# Harmonies

## Analogous

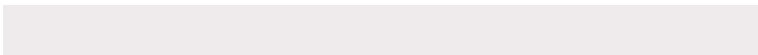
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2498, 82.9646, 92.8487



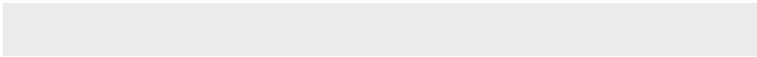
79.6339, 82.9646, 91.9374



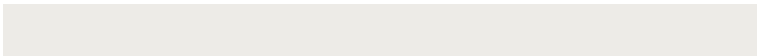
79.8094, 82.9646, 90.6036

# Triad

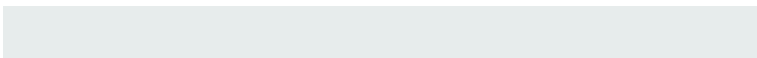
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6339, 82.9646, 91.9374



78.9493, 82.9646, 87.6401



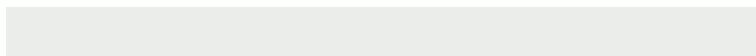
77.9887, 82.9646, 91.4668

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



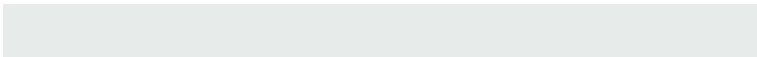
79.6339, 82.9646, 91.9374



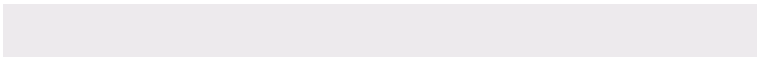
79.0704, 84.0036, 89.8931

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.9089, 82.9646, 90.0656



79.6339, 82.9646, 91.9374



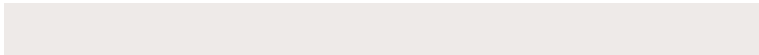
78.4622, 82.9646, 87.8658

# Square

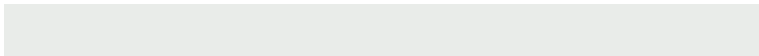
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



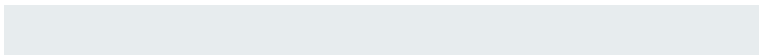
79.6339, 82.9646, 91.9374



79.4131, 82.9646, 88.1301



78.0819, 82.9646, 88.7500



78.3002, 82.9646, 92.5750

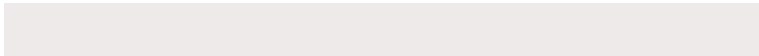


# Rectangle

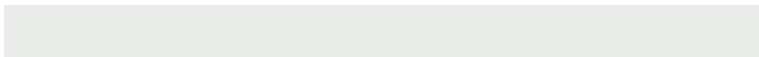
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



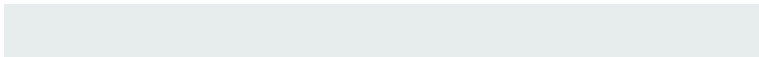
79.6339, 82.9646, 91.9374



79.7841, 82.9646, 89.6580



78.0819, 82.9646, 88.7500



77.9339, 82.9646, 91.0141

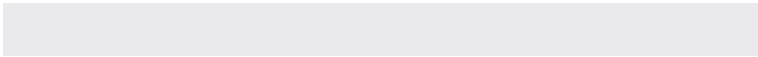
# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79.6363, 82.9682, 91.9392

95.0500, 100.0000, 108.9000



78.6585, 82.4852, 91.8975



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

# Same Dimension

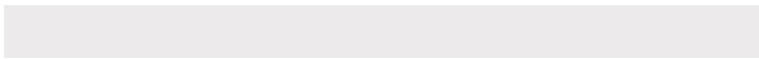
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6363, 82.9682, 91.9392



93.4444, 96.7890, 108.3648



79.4256, 82.8839, 90.8293



16.7305, 17.3451, 19.3884



27.4096, 13.1661, 44.8396

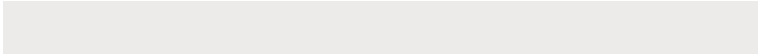


2.1524, 1.0339, 3.5210

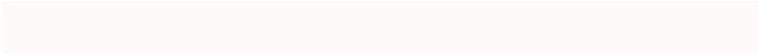


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79.2022, 82.7945, 89.6529



92.6342, 96.4650, 104.0979



79.2793, 84.0871, 90.9934



16.5939, 17.2905, 18.6686



19.0679, 9.8298, 0.8928

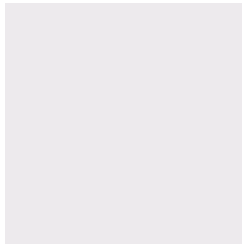


1.4973, 0.7719, 0.0702



# Previews

## White Background



This preview shows how the XYZ color 79.6339, 82.9646, 91.9374 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the XYZ color 79.6339, 82.9646, 91.9374 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

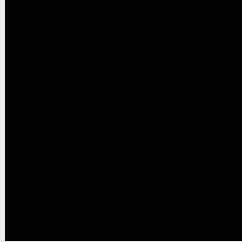
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

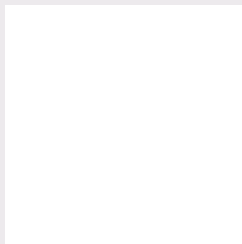


# XYZ 79.6339, 82.9646, 91.9374

## Background



This preview shows how black text looks on a background with the XYZ color 79.6339, 82.9646, 91.9374.



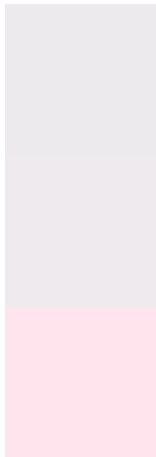
This preview shows how white text looks on a background with the XYZ color 79.6339, 82.9646,

91.9374.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

79.6339, 82.9646, 91.9374

### Protanopia

79.9688, 83.1372, 91.9530

### Deuteranopia

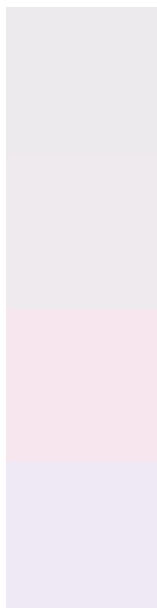
84.4160, 82.9199, 92.4448



## Tritanopia

81.7085, 82.9661, 102.1500

# Trichromacy



## Original Color

79.6339, 82.9646, 91.9374

## Protanomaly

79.9688, 83.1372, 91.9530

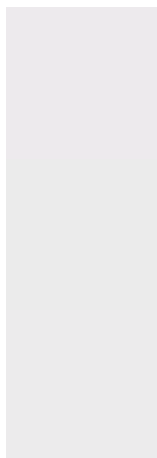
## Deuteranomaly

82.4408, 82.7231, 92.5110

## Tritanomaly

80.8802, 83.0475, 98.1531

# Monochromacy



## Original Color

79.6339, 82.9646, 91.9374

## Achromatopsia

78.9647, 83.0770, 90.4708

## Achromatomaly

79.4407, 83.3057, 91.2495

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.6339, 82.9646, 91.9374 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(237, 234, 237) looks like.

```
.text, #text, p{  
    color:rgb(237, 234, 237)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(237, 234, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 234, 237) }
```

## Border

The CSS property to change the border of an element to XYZ 79.6339, 82.9646, 91.9374 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 234, 237) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(237, 234, 237) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(237, 234, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 234, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 234, 237);  
box-shadow:4px 4px 4px 4px rgb(237, 234,  
237) }
```



# Background

The CSS property to change the background color of an element to XYZ 79.6339, 82.9646, 91.9374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 234, 237) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(237,  
234, 237) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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