

# Converting Colors

XYZ(79.7169, 79.8170, 94.7059)

Have a look what the booklet for  
XYZ(79.7169, 79.8170, 94.7059)  
contains.

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# Color

**XYZ(79.6915, 79.6208,  
94.3873)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2E2F1
RGB	242, 226, 241
RGB Percent	95%, 89%, 95%
CMY	0.0510, 0.1137, 0.0549
CMYK	0.00, 0.07, 0.00, 0.05
HSL	304°, 38%, 92%
HSV	304°, 7%, 95%
XYZ	79.6915, 79.6208, 94.3873
YIQ	232.4940, 4.7210, 8.0570

# Conversions

## Conversions Part 2

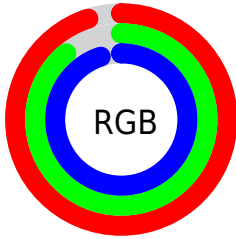
Format	Color
<b>R<sub>YB</sub></b>	242, 226, 241
Decimal	15917809
CIE Lab	91.51, 8.05, -5.33
CIE LCh	92, 9.657, 326.507
Yxy	79.6208, 0.3141, 0.3138
Android (android.graphics.Color)	4294107889 (0xFF F2E2F1)
YUV	232.4940, 4.1935, 8.3368
Hunter-Lab	89.2305, 3.2645, -0.2551

# Details

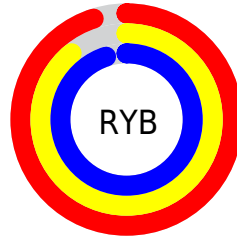
The XYZ color **79.6915, 79.6208, 94.3873** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.9843, 85.2212, 85.0689**, and the grayscale version is **77.0409, 81.0530, 88.2667**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5696, 43.0677, 51.9155** is the 20% darker color. If you saturate the color by 10%, you get **73.3457, 67.2882, 91.1625**, and if you desaturate by 10%, it is **86.9725, 93.8184, 97.9350**.

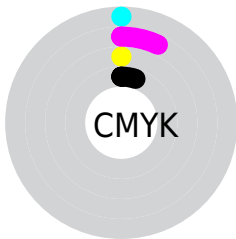
# Distribution



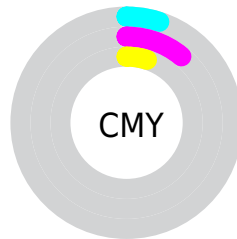
- Red (95%)
- Green (89%)
- Blue (95%)



- Red (95%)
- Yellow (89%)
- Blue (95%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)




- Cyan (5%)
- Magenta (11%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6915, 79.6208, 94.3873 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 79.6915, 79.6208, 94.3873 by changing the saturation by 10% instead.




 79.6915, 79.6208,  
94.3873

 79.6915, 79.6208,  
94.3873


482.6449,  
493.6540, 563.1358

 59.7721, 59.4064,  
71.0311


131.8847,  
132.8325, 155.4062

 43.4837, 42.9403,  
51.8856


164.8893,  
166.5985, 193.9058

 30.4610, 29.8383,  
36.5322


202.9862,  
205.6505, 238.2904

 20.3386, 19.7159,  
24.5526

246.5410,  
250.3728, 288.9785

 12.7511, 12.1887,  
15.5281

295.9189,  
301.1500, 346.3885

 7.3332, 6.8723,  
9.0401

351.4853,

 3.7195, 3.3824,

358.3663, 410.9390

4.6702

413.6055,  
422.4062, 483.0486

■ 1.5447, 1.3345,  
1.9997

■ 0.3560, 0.1677,  
0.5551

■ 79.6915, 79.6208,  
94.3873

■ 79.6915, 79.6208,  
94.3873

■ 73.3457, 67.2882,  
91.1625

■ 86.9725, 93.8184,  
97.9350

■ 67.8895, 56.7331,  
88.2426

■ 88.7118, 96.9309,  
99.6438

■ 63.2838, 47.8759,  
85.6153

■ 88.9426, 97.0232,  
100.8590

■ 59.4839, 40.6273,  
83.2659

■ 89.1753, 97.1162,  
102.0842

56.4410, 34.8898,  
81.1780

89.4098, 97.2101,  
103.3194

54.1011, 30.5553,  
79.3335

89.6463, 97.3046,  
104.5645

52.4029, 27.5011,  
77.7121

89.8846, 97.4000,  
105.8197

51.2746, 25.5839,  
76.2897

90.1249, 97.4961,  
107.0850

50.6259, 24.6230,  
75.0363

90.3671, 97.5930,  
108.3603

# Harmonies

## Analogous

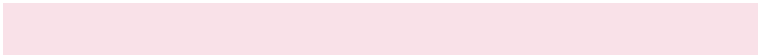
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.8083, 79.6208, 99.3922



79.6915, 79.6208, 94.3873



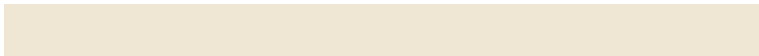
80.4982, 79.6208, 87.5216

# Triad

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



79.6915, 79.6208, 94.3873



75.9658, 79.6208, 73.8607



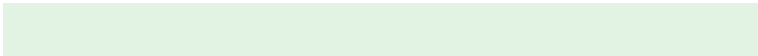
71.5220, 79.6208, 92.8822

# Complementary

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



79.6915, 79.6208, 94.3873



76.9843, 85.2212, 85.0689

# 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.



71.0526, 79.6208, 85.8707



79.6915, 79.6208, 94.3873



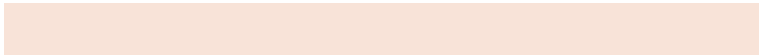
73.5853, 79.6208, 75.1253

# Square

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



79.6915, 79.6208, 94.3873



78.3180, 79.6208, 75.8781



71.8000, 79.6208, 79.4296



73.0964, 79.6208, 98.4907

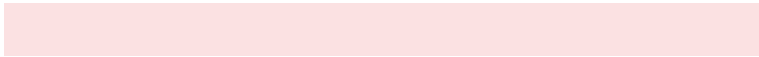


# Rectangle

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



79.6915, 79.6208, 94.3873



80.3043, 79.6208, 82.9005



71.8000, 79.6208, 79.4296



71.2313, 79.6208, 90.6005

# Sweetspot

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



79.6938, 79.6242, 94.3890



93.3932, 96.7686, 108.0947



74.8423, 77.1059, 94.9440



20.0073, 20.7463, 23.1452



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

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



79.6938, 79.6242, 94.3890



88.6792, 87.5860, 105.7668



78.5535, 79.1681, 88.3843



16.4091, 16.0134, 19.7105



27.1296, 13.1242, 40.1943



2.2698, 1.0969, 3.4113



# Inverse Universe

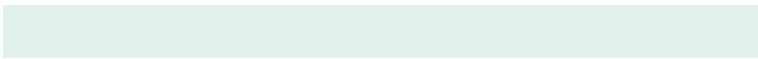
The Inverse Universe completely reimagines the original color for something new.



79.6938, 79.6242, 94.3890



88.6792, 87.5860, 105.7668



78.0854, 85.6617, 90.8672



16.4091, 16.0134, 19.7105



27.1296, 13.1242, 40.1943

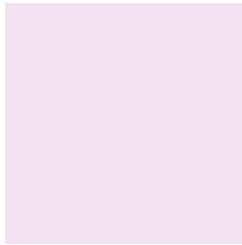


2.2698, 1.0969, 3.4113



# Previews

## White Background



This preview shows how the XYZ color 79.6915, 79.6208, 94.3873 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

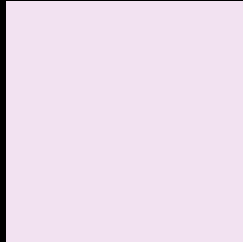
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.6915, 79.6208, 94.3873 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

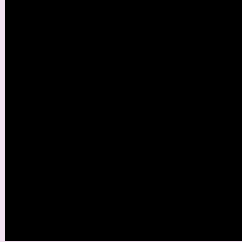
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

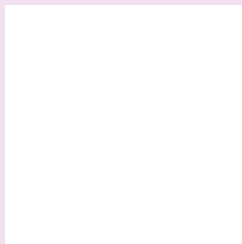
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 79.6915, 79.6208, 94.3873**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.6915, 79.6208, 94.3873.



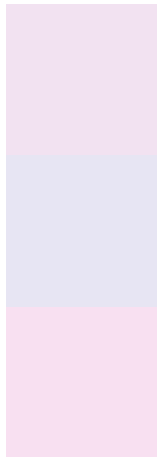
This preview shows how white text looks on a background with the XYZ color 79.6915, 79.6208,

94.3873.

# 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

79.6915, 79.6208, 94.3873

### Protanopia

77.1520, 79.4986, 96.0724

### Deuteranopia

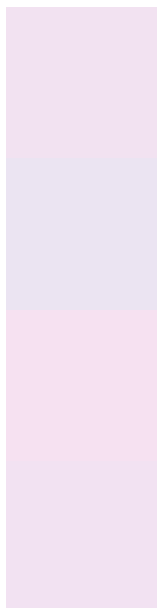
81.2442, 79.6186, 94.3050



## **Tritanopia**

79.9920, 79.7410, 95.9695

# Trichromacy



## Original Color

79.6915, 79.6208, 94.3873

## Protanomaly

78.0314, 79.5598, 95.2483

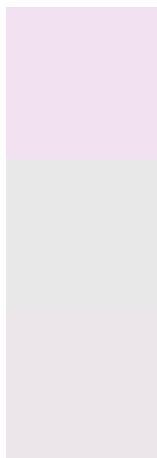
## Deuteranomaly

80.8084, 79.7941, 94.3618

## Tritanomaly

79.8413, 79.6808, 95.1762

# Monochromacy



## Original Color

79.6915, 79.6208, 94.3873

## Achromatopsia

76.7008, 80.6952, 87.8771

## Achromatomaly

77.8843, 80.4247, 90.0158

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.6915, 79.6208, 94.3873 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(242, 226, 241) looks like.

```
.text, #text, p{  
    color:rgb(242, 226, 241)  
}
```

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(242, 226, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 226, 241) }
```

## Border

The CSS property to change the border of an element to XYZ 79.6915, 79.6208, 94.3873 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(242, 226, 241) }
```



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

```
.border{ border-color:rgb(242, 226, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 226, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 226, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 226, 241);  
box-shadow:4px 4px 4px 4px rgb(242, 226,  
241) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.6915, 79.6208, 94.3873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 226, 241) }
```

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

```
.background{ background-color: rgb(242,  
226, 241) }
```

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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