

# Converting Colors

XYZ(74.4349, 79.5209, 84.2444)

Have a look what the booklet for  
XYZ(74.4349, 79.5209, 84.2444)  
contains.

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# Color

**XYZ(74.4003, 79.5902,  
84.1142)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3E8E3
RGB	227, 232, 227
RGB Percent	89%, 91%, 89%
CMY	0.1098, 0.0902, 0.1098
CMYK	0.02, 0.00, 0.02, 0.09
HSL	120°, 10%, 90%
HSV	120°, 2%, 91%
XYZ	74.4003, 79.5902, 84.1142
YIQ	229.9350, -1.3750, -2.6150

# Conversions

## Conversions Part 2

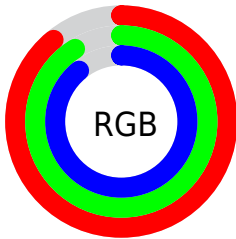
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 232, 232
Decimal	14936291
CIE Lab	91.50, -2.56, 1.83
CIE LCh	92, 3.150, 144.414
Yxy	79.5902, 0.3125, 0.3343
Android (android.graphics.Color)	4293126371 (0xFFE3E8E3)
YUV	229.9350, -1.4470, -2.5740
Hunter-Lab	89.2133, -7.2616, 6.5482

# Details

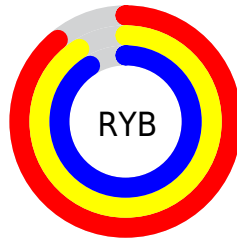
The XYZ color **74.4003, 79.5902, 84.1142** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3162, 77.9222, 87.4188**, and the grayscale version is **75.1788, 79.0939, 86.1333**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9850, 42.7999, 45.1835** is the 20% darker color. If you saturate the color by 10%, you get **64.5808, 74.8757, 68.0512**, and if you desaturate by 10%, it is **85.6418, 84.9924, 102.4993**.

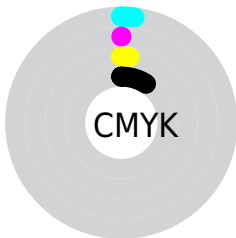
# Distribution



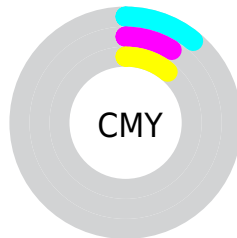
- Red (89%)
- Green (91%)
- Blue (89%)



- Red (89%)
- Yellow (91%)
- Blue (91%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4003, 79.5902, 84.1142 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 74.4003, 79.5902, 84.1142 by changing the saturation by 10% instead.



■ 74.4003, 79.5902,  
84.1142

■ 74.4003, 79.5902,  
84.1142

464.8828,  
493.5507, 528.7603

■ 55.4142, 59.3812,  
62.5638

124.4556,  
132.7894, 140.9981

■ 39.9686, 42.9201,  
45.0497

156.2554,  
166.5484, 177.1686

■ 27.6981, 29.8224,  
31.1533

193.0572,  
205.5929, 219.0496

■ 18.2375, 19.7038,  
20.4562

235.2263,  
250.3072, 267.0596

■ 11.2214, 12.1799,  
12.5397

283.1280,  
301.0757, 321.6171

■ 6.2843, 6.8663,  
6.9854

337.1278,

■ 3.0610, 3.3787,

358.2829, 383.1407

3.3747

397.5909,  
422.3131, 452.0490

■ 1.1861, 1.3325,  
1.2890

■ 0.0954, 0.1661,  
0.0527

■ 74.4003, 79.5902,  
84.1142

■ 74.4003, 79.5902,  
84.1142

■ 64.5808, 74.8757,  
68.0512

■ 85.6418, 84.9924,  
102.4993

■ 56.1204, 70.8118,  
54.2129

■ 88.1482, 86.1963,  
106.5994

■ 48.9612, 67.3728,  
42.5029

■ 43.0388, 64.5280,  
32.8157

■ 38.2830, 62.2436,  
25.0367

■ 34.6170, 60.4826,  
19.0401

■ 31.9543, 59.2036,  
14.6846

■ 30.1959, 58.3589,  
11.8081

■ 29.2222, 57.8912,  
10.2151

# Harmonies

## Analogous

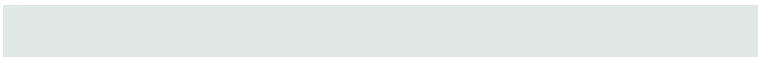
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0122, 79.5902, 82.6986



74.4003, 79.5902, 84.1142



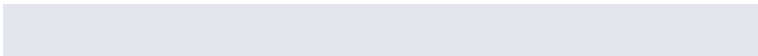
74.1229, 79.5902, 86.2308

# Triad

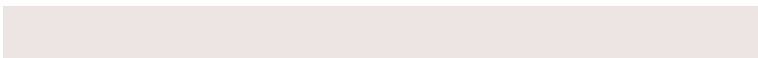
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4003, 79.5902, 84.1142



75.4980, 79.5902, 91.1327



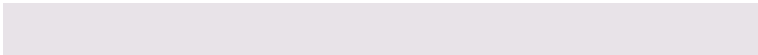
77.0617, 79.5902, 84.8467

# Complementary

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



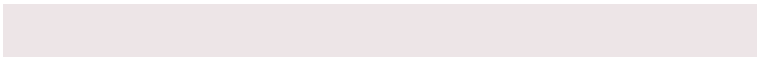
74.4003, 79.5902, 84.1142



75.3162, 77.9222, 87.4188

# Split Complementary

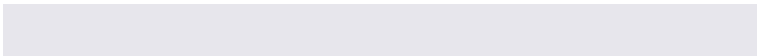
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.1941, 79.5902, 87.0910



74.4003, 79.5902, 84.1142



76.2876, 79.5902, 90.7464

# Square

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



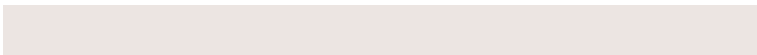
74.4003, 79.5902, 84.1142



74.7538, 79.5902, 90.3035



76.9098, 79.5902, 89.2571



76.5495, 79.5902, 83.1162



# Rectangle

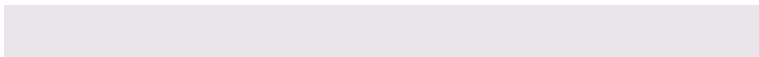
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



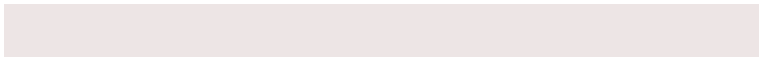
74.4003, 79.5902, 84.1142



74.1636, 79.5902, 87.7648



76.9098, 79.5902, 89.2571



77.1523, 79.5902, 85.5649

# Sweetspot

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



74.4025, 79.5936, 84.1159



93.7102, 99.3564, 106.7085



76.0040, 80.4192, 84.1907



20.0720, 21.2731, 22.8631



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.



74.4025, 79.5936, 84.1159



91.0840, 98.0949, 102.4130



74.7505, 79.7328, 85.9481



15.3758, 16.6591, 17.2028



16.0201, 32.0402, 5.3403



1.1838, 2.3677, 0.3947



# Inverse Universe

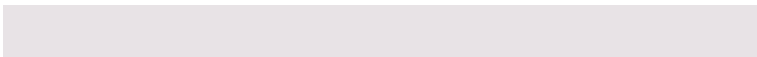
The Inverse Universe completely reimagines the original color for something new.



75.3162, 77.9222, 87.4188



92.6578, 95.2158, 108.1023



74.9633, 77.7810, 85.5601



15.7107, 16.0464, 18.4135



26.5603, 12.7584, 43.4412

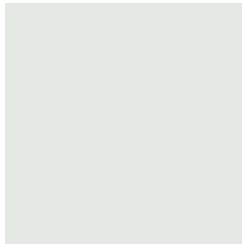


1.9627, 0.9428, 3.2102



# Previews

## White Background



This preview shows how the XYZ color 74.4003, 79.5902, 84.1142 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

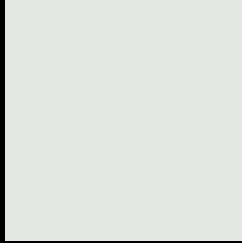
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.4003, 79.5902, 84.1142 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

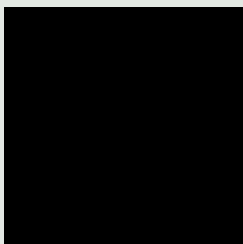
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

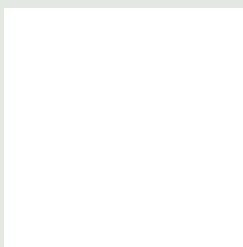
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 74.4003, 79.5902, 84.1142**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.4003, 79.5902, 84.1142.



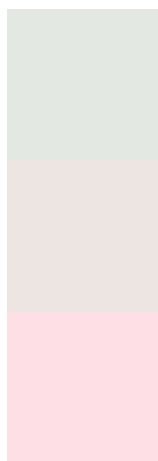
This preview shows how white text looks on a background with the XYZ color 74.4003, 79.5902,



# 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

74.4003, 79.5902, 84.1142

### Protanopia

76.3388, 79.3625, 83.2465

### Deuteranopia

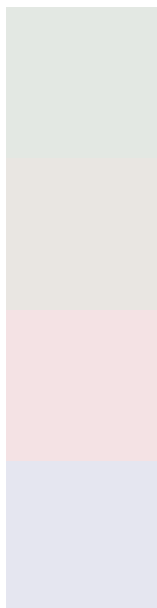
81.0385, 79.3151, 85.1669



## **Tritanopia**

77.4409, 79.5770, 99.2740

# Trichromacy



## Original Color

74.4003, 79.5902, 84.1142

## Protanomaly

75.6286, 79.4083, 83.2928

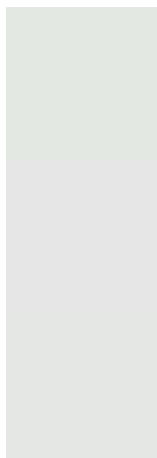
## Deuteranomaly

78.5082, 79.2272, 84.5534

## Tritanomaly

76.3381, 79.5429, 93.7679

# Monochromacy



## Original Color

74.4003, 79.5902, 84.1142

## Achromatopsia

75.2129, 79.1298, 86.1723

## Achromatomaly

75.0319, 79.4670, 85.5128

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.4003, 79.5902, 84.1142 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(227, 232, 227) looks like.

```
.text, #text, p{  
    color:rgb(227, 232, 227)  
}
```

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(227, 232, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 232, 227) }
```

## Border

The CSS property to change the border of an element to XYZ 74.4003, 79.5902, 84.1142 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(227, 232, 227) }
```



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

```
.border{ border-color:rgb(227, 232, 227) }
```

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

Here you see how a box with a 4 pixel rgb(227, 232, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 232, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 232, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 232,  
227) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.4003, 79.5902, 84.1142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 232, 227) }
```

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

```
.background{ background-color: rgb(227,  
232, 227) }
```

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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