

# Converting Colors

XYZ(74.9213, 79.5901, 86.7255)

Have a look what the booklet for  
XYZ(74.9213, 79.5901, 86.7255)  
contains.

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# **Color**

**XYZ(75.2753, 79.9767,  
87.0709)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4E8E7
RGB	228, 232, 231
RGB Percent	89%, 91%, 91%
CMY	0.1059, 0.0902, 0.0941
CMYK	0.02, 0.00, 0.00, 0.09
HSL	165°, 8%, 90%
HSV	165°, 2%, 91%
XYZ	75.2753, 79.9767, 87.0709
YIQ	230.6900, -2.0630, -1.1590

# Conversions

## Conversions Part 2

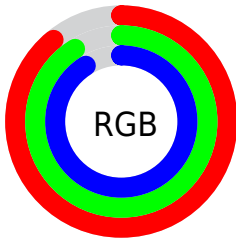
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 230, 232
Decimal	15001831
CIE Lab	91.67, -1.51, 0.01
CIE LCh	92, 1.511, 179.727
Yxy	79.9767, 0.3106, 0.3300
Android (android.graphics.Color)	4293191911 (0xFFE4E8E7)
YUV	230.6900, 0.1528, -2.3591
Hunter-Lab	89.4297, -6.2539, 4.8746

# Details

The XYZ color **75.2753, 79.9767, 87.0709** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.1679, 78.3018, 85.2847**, and the grayscale version is **75.7271, 79.6708, 86.7616**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4968, 43.0301, 46.7287** is the 20% darker color. If you saturate the color by 10%, you get **67.5960, 76.1135, 82.4952**, and if you desaturate by 10%, it is **83.9742, 84.3669, 91.8401**.

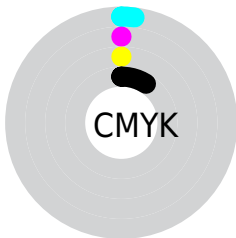
# Distribution



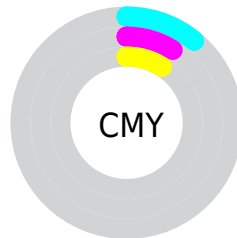
- Red (89%)
- Green (91%)
- Blue (91%)



- Red (89%)
- Yellow (90%)
- Blue (91%)



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2753, 79.9767, 87.0709 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 75.2753, 79.9767, 87.0709 by changing the saturation by 10% instead.



■ 75.2753, 79.9767,  
87.0709

■ 75.2753, 79.9767,  
87.0709

467.8459,  
494.8543, 538.7781

■ 56.1334, 59.6992,  
64.9939

125.6878,  
133.3330, 145.1627

■ 40.5473, 43.1762,  
47.0048

157.6892,  
167.1805, 182.0146

■ 28.1517, 30.0234,  
32.6851

194.7077,  
206.3202, 224.6286

■ 18.5810, 19.8563,  
21.6162

237.1088,  
251.1364, 273.4231

■ 11.4702, 12.2907,  
13.3795

285.2578,  
302.0135, 328.8168

■ 6.4536, 6.9420,  
7.5566

339.5201,

■ 3.1661, 3.4258,

359.3359, 391.2282

3.7289

400.2610,  
423.4881, 461.0757

■ 1.2422, 1.3579,  
1.4778

■ 0.1393, 0.1854,  
0.2013

■ 75.2753, 79.9767,  
87.0709

■ 75.2753, 79.9767,  
87.0709

■ 67.5960, 76.1135,  
82.4952

■ 83.9742, 84.3669,  
91.8401

■ 60.8900, 72.7467,  
78.1046

■ 86.2207, 85.4253,  
96.4497

■ 55.1179, 69.8582,  
73.8975

■ 87.1116, 85.7817,  
101.1409

■ 50.2345, 67.4248,  
69.8703

■ 88.0305, 86.1492,  
105.9801

■ 46.1911, 65.4213,  
66.0195

■ 88.1481, 86.1963,  
106.5994

■ 42.9340, 63.8203,  
62.3409

■ 40.4034, 62.5908,  
58.8304

■ 38.5302, 61.6973,  
55.4833

■ 37.2320, 61.0973,  
52.2940

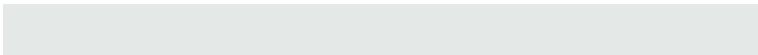
# Harmonies

## Analogous

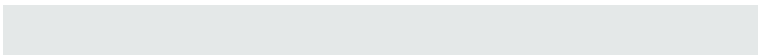
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3759, 79.9767, 86.0133



75.2753, 79.9767, 87.0709



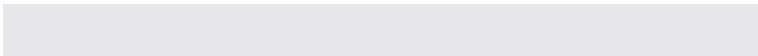
75.3724, 79.9767, 88.1399

# Triad

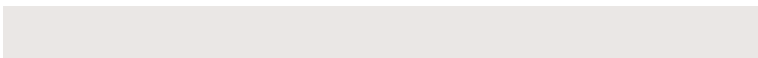
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2753, 79.9767, 87.0709



76.3843, 79.9767, 88.9409



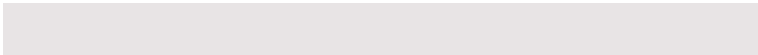
76.3904, 79.9767, 85.2572

# Complementary

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



75.2753, 79.9767, 87.0709



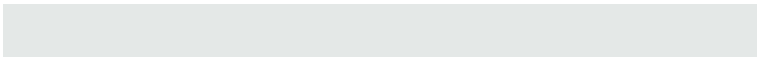
75.1679, 78.3018, 85.2847

# 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.



76.6621, 79.9767, 86.0307



75.2753, 79.9767, 87.0709



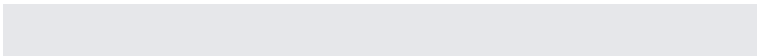
76.6586, 79.9767, 88.1575

# Square

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



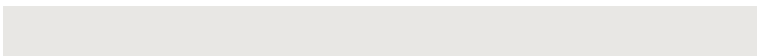
75.2753, 79.9767, 87.0709



76.0119, 79.9767, 89.2251



76.7604, 79.9767, 87.0912



76.0190, 79.9767, 84.9716

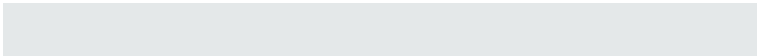


# Rectangle

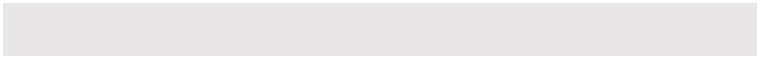
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



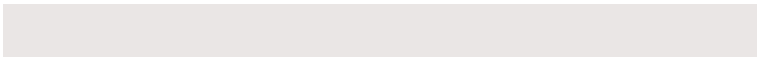
75.2753, 79.9767, 87.0709



75.5364, 79.9767, 88.7137



76.7604, 79.9767, 87.0912



76.4965, 79.9767, 85.4685

# Sweetspot

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



75.2776, 79.9801, 87.0726



94.0153, 99.4785, 108.3152



75.1971, 79.9872, 84.8757



20.1340, 21.2980, 23.1901



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

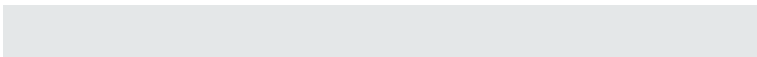
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2776, 79.9801, 87.0726



92.9933, 98.9634, 107.7327



75.1575, 79.5124, 87.7342



15.8896, 16.8981, 18.3959



20.3056, 33.7543, 27.9072

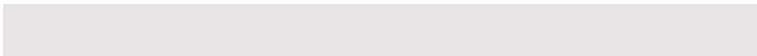


1.5371, 2.5090, 2.2551



# Inverse Universe

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



75.1679, 78.3018, 85.2847



92.8353, 96.5454, 105.1567



75.2858, 78.7613, 84.6344



15.8642, 16.5099, 17.9823



18.9439, 9.7118, 3.3338

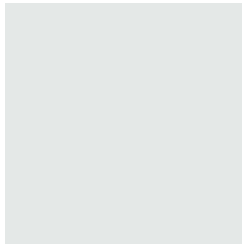


1.4365, 0.7323, 0.4392



# Previews

## White Background



This preview shows how the XYZ color 75.2753, 79.9767, 87.0709 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

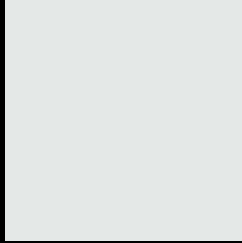
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.2753, 79.9767, 87.0709 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

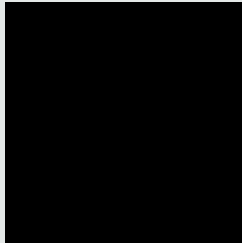
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

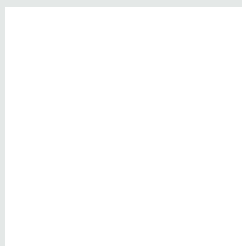
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 75.2753, 79.9767, 87.0709**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.2753, 79.9767, 87.0709.



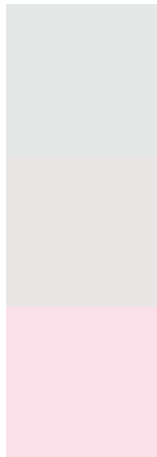
This preview shows how white text looks on a background with the XYZ color 75.2753, 79.9767,

87.0709.

# 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

75.2753, 79.9767, 87.0709

### Protanopia

76.8407, 79.9690, 86.2485

### Deuteranopia

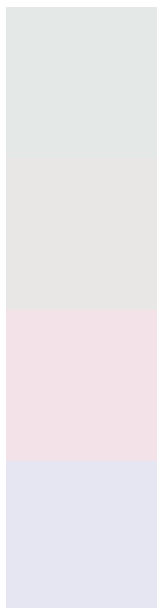
81.5085, 79.8899, 88.2151



## Tritanopia

77.9176, 79.8049, 100.1041

# Trichromacy



## Original Color

75.2753, 79.9767, 87.0709

## Protanomaly

76.1376, 80.0208, 86.2956

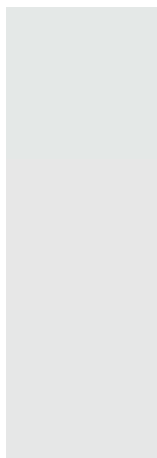
## Deuteranomaly

78.9967, 79.8191, 87.5870

## Tritanomaly

76.9570, 79.8274, 95.3566

# Monochromacy



## Original Color

75.2753, 79.9767, 87.0709

## Achromatopsia

75.9547, 79.9103, 87.0223

## Achromatomaly

75.6328, 79.7443, 87.0072

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.2753, 79.9767, 87.0709 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(228, 232, 231) looks like.

```
.text, #text, p{  
    color:rgb(228, 232, 231)  
}
```

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(228, 232, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 232, 231) }
```

## Border

The CSS property to change the border of an element to XYZ 75.2753, 79.9767, 87.0709 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(228, 232, 231) }
```



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

```
.border{ border-color:rgb(228, 232, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 232, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 232, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 232, 231); box-shadow:4px 4px 4px 4px rgb(228, 232, 231) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.2753, 79.9767, 87.0709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 232, 231) }
```

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

```
.background{ background-color: rgb(228,  
232, 231) }
```

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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