

Converting Colors

XYZ(74.7209, 78.4514, 87.5623)

Have a look what the booklet for
XYZ(74.7209, 78.4514, 87.5623)
contains.

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Color

**XYZ(74.5797, 78.3588,
87.5379)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E5E8
RGB	228, 229, 232
RGB Percent	89%, 90%, 91%
CMY	0.1059, 0.1019, 0.0902
CMYK	0.02, 0.01, 0.00, 0.09
HSL	225°, 8%, 90%
HSV	225°, 2%, 91%
XYZ	74.5797, 78.3588, 87.5379
YIQ	229.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

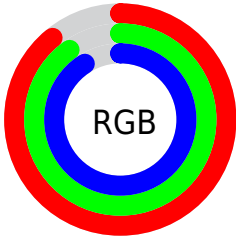
Format	Color
R_{YB}	228, 229, 232
Decimal	15001064
CIE Lab	90.94, 0.21, -1.58
CIE LCh	91, 1.598, 277.563
Yxy	78.3588, 0.3101, 0.3258
Android (android.graphics.Color)	4293191144 (0xFFE4E5E8)
YUV	229.0430, 1.4578, -0.9147
Hunter-Lab	88.5205, -4.5223, 3.3325

Details

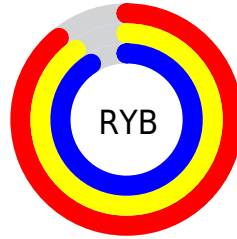
The XYZ color **74.5797, 78.3588, 87.5379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.8583, 79.9081, 84.8256**, and the grayscale version is **74.5002, 78.3800, 85.3558**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2061, 42.2909, 47.1182** is the 20% darker color. If you saturate the color by 10%, you get **63.1383, 65.6783, 85.6945**, and if you desaturate by 10%, it is **87.4945, 92.5178, 89.5914**.

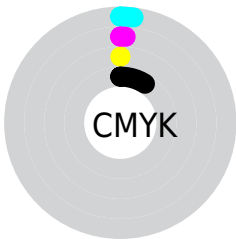
Distribution



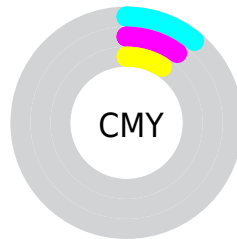
- Red (89%)
- Green (90%)
- Blue (91%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5797, 78.3588, 87.5379 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 74.5797, 78.3588, 87.5379 by changing the saturation by 10% instead.

■ 74.5797, 78.3588,
87.5379

■ 74.5797, 78.3588,
87.5379

465.4912,
489.3845, 540.3508

■ 55.5616, 58.3688,
65.3783

124.7083,
131.0558, 145.8191

■ 40.0872, 42.1052,
47.3146

156.5496,
164.5315, 182.7778

■ 27.7910, 29.1837,
32.9283

193.3959,
203.2713, 225.5066

■ 18.3078, 19.2198,
21.8008

235.6126,
247.6595, 274.4240

■ 11.2722, 11.8292,
13.5137

283.5652,
298.0806, 329.9486

■ 6.3189, 6.6275,
7.6484

337.6189,

■ 3.0824, 3.2302,

354.9188, 392.4989

3.7863

398.1391,
418.5586, 462.4934

■ 1.1975, 1.2531,
1.5088

■ 0.1044, 0.1044,
0.2245

■ 74.5797, 78.3588,
87.5379

■ 74.5797, 78.3588,
87.5379

■ 63.1383, 65.6783,
85.6945

■ 87.4945, 92.5178,
89.5914

■ 53.1106, 54.4179,
84.0496

■ 91.5657, 98.6063,
90.5520

■ 44.4423, 44.5300,
82.5979

■ 37.0731, 35.9607,
81.3322

■ 30.9383, 28.6519,
80.2448

■ 25.9671, 22.5416,
79.3274

■ 22.0811, 17.5617,
78.5710

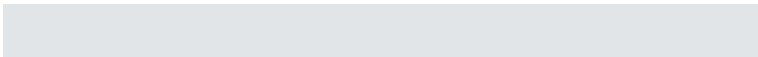
■ 19.1918, 13.6367,
77.9657

■ 17.1950, 10.6803,
77.5003

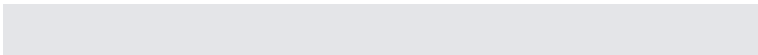
Harmonies

Analogous

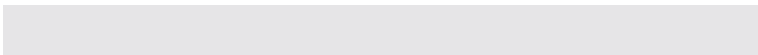
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1824, 78.3588, 87.3867



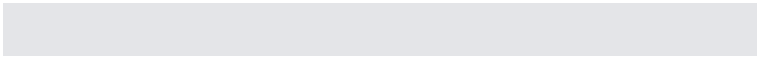
74.5797, 78.3588, 87.5379



74.9510, 78.3588, 87.0904

Triad

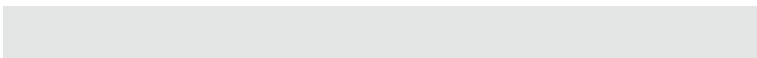
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5797, 78.3588, 87.5379



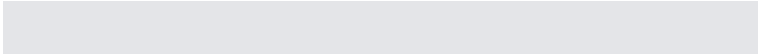
75.0935, 78.3588, 83.9739



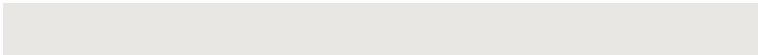
73.7639, 78.3588, 84.4753

Complementary

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



74.5797, 78.3588, 87.5379



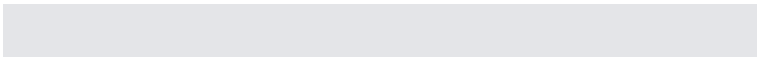
75.8583, 79.9081, 84.8256

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.



74.0064, 78.3588, 83.5726



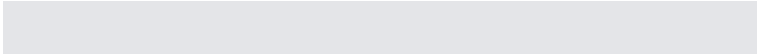
74.5797, 78.3588, 87.5379



74.7738, 78.3588, 83.2849

Square

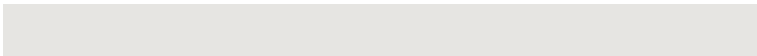
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



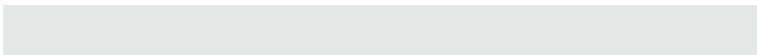
74.5797, 78.3588, 87.5379



75.2483, 78.3588, 85.0277



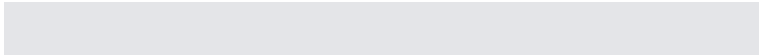
74.3758, 78.3588, 83.1387



73.7123, 78.3588, 85.6118

Rectangle

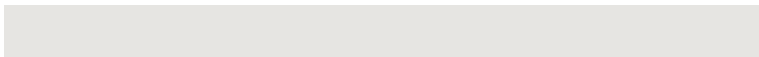
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.5797, 78.3588, 87.5379



75.1335, 78.3588, 86.5151



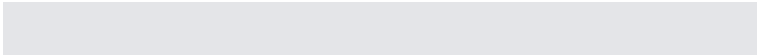
74.3758, 78.3588, 83.1387



73.8257, 78.3588, 84.1348

Sweetspot

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



74.5819, 78.3622, 87.5396



93.5117, 98.3069, 108.6543



75.2671, 79.9742, 87.0227



20.0316, 21.0596, 23.2591



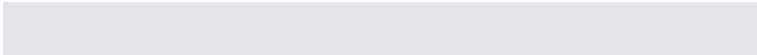
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

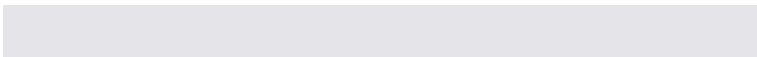
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5819, 78.3622, 87.5396



91.9919, 96.6324, 108.4112



74.6019, 77.9613, 87.4612



15.7289, 16.5239, 18.5048



9.0169, 5.0958, 42.8915



0.7389, 0.5218, 3.1937

Inverse Universe

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



75.1667, 78.3012, 85.2847



92.8355, 96.5455, 105.1578



75.8379, 80.3159, 84.9054



15.8643, 16.5099, 17.9825



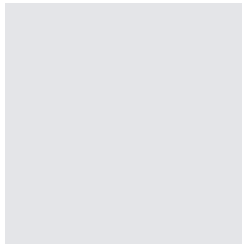
18.9448, 9.7121, 3.3384



1.4366, 0.7324, 0.4397

Previews

White Background



This preview shows how the XYZ color 74.5797, 78.3588, 87.5379 looks on a white background.

Color Contrast Check

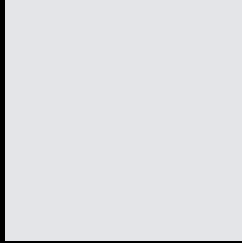
Large Text (above 18pt) WCAG AA × Fail

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 74.5797, 78.3588, 87.5379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

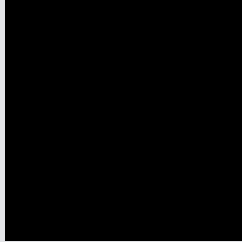
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

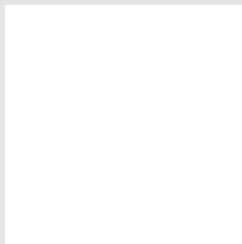
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5797, 78.3588, 87.5379

Background



This preview shows how black text looks on a background with the XYZ color 74.5797, 78.3588, 87.5379.



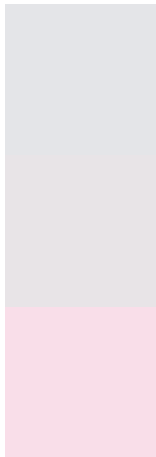
This preview shows how white text looks on a background with the XYZ color 74.5797, 78.3588,

87.5379.

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

74.5797, 78.3588, 87.5379

Protanopia

75.4459, 78.4121, 86.7599

Deuteranopia

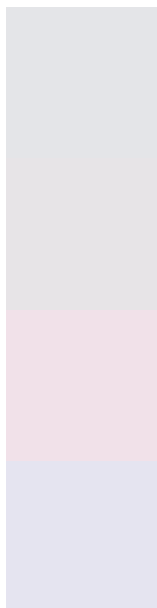
79.8962, 78.2655, 87.9866



Tritanopia

76.5836, 78.3537, 97.4736

Trichromacy



Original Color

74.5797, 78.3588, 87.5379

Protanomaly

75.1222, 78.2453, 86.7448

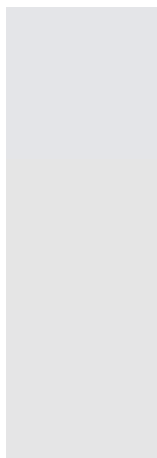
Deuteranomaly

77.9088, 78.4344, 88.1239

Tritanomaly

75.7847, 78.4361, 93.5835

Monochromacy



Original Color

74.5797, 78.3588, 87.5379

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.6153, 78.4098, 86.0649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5797, 78.3588, 87.5379 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, 229, 232) looks like.

```
.text, #text, p{  
    color:rgb(228, 229, 232)  
}
```

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, 229, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 229, 232) }
```

Border

The CSS property to change the border of an element to XYZ 74.5797, 78.3588, 87.5379 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, 229, 232) }
```


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

```
.border{ border-color:rgb(228, 229, 232) }
```

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

Here you see how a box with a 4 pixel rgb(228, 229, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 229, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 229, 232);  
box-shadow:4px 4px 4px 4px rgb(228, 229,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5797, 78.3588, 87.5379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 229, 232) }
```

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

```
.background{ background-color: rgb(228,  
229, 232) }
```

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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