

Converting Colors

XYZ(71.6649, 75.9975, 87.2730)

Have a look what the booklet for
XYZ(71.6649, 75.9975, 87.2730)
contains.

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Color

**XYZ(71.5498, 75.9800,
87.2385)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE3E8
RGB	220, 227, 232
RGB Percent	86%, 89%, 91%
CMY	0.1372, 0.1098, 0.0902
CMYK	0.05, 0.02, 0.00, 0.09
HSL	205°, 21%, 89%
HSV	205°, 5%, 91%
XYZ	71.5498, 75.9800, 87.2385
YIQ	225.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

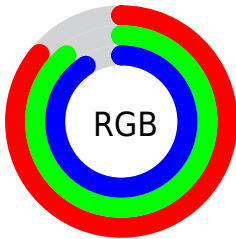
Format	Color
R _Y B	220, 224, 232
Decimal	14476264
CIE Lab	89.85, -1.41, -3.26
CIE LCh	90, 3.549, 246.611
Yxy	75.9800, 0.3048, 0.3236
Android (android.graphics.Color)	4292666344 (0xFFDCE3E8)
YUV	225.4770, 3.2158, -4.8033
Hunter-Lab	87.1665, -6.0214, 1.6776

Details

The XYZ color **71.5498, 75.9800, 87.2385** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.1225, 76.1730, 78.5603**, and the grayscale version is **71.8937, 75.6378, 82.3695**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1060, 40.6390, 46.9100** is the 20% darker color. If you saturate the color by 10%, you get **62.4417, 67.4737, 86.0778**, and if you desaturate by 10%, it is **81.7850, 85.2916, 88.4975**.

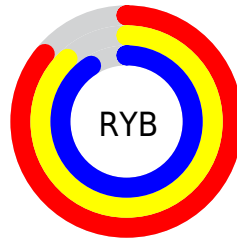
Distribution



Red (86%)

Green (89%)

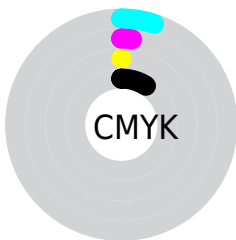
Blue (91%)



Red (86%)

Yellow (88%)

Blue (91%)

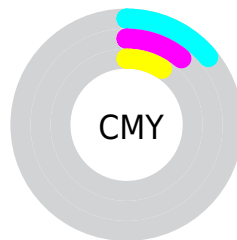


Cyan (5%)

Magenta (2%)

Yellow (0%)

Black (9%)



Cyan (14%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5498, 75.9800, 87.2385 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 71.5498, 75.9800, 87.2385 by changing the saturation by 10% instead.

■ 71.5498, 75.9800,
87.2385

■ 71.5498, 75.9800,
87.2385

455.1551,
481.2792, 539.3428

■ 53.0751, 56.4161,
65.1318

120.4305,
127.6986, 145.3983

■ 38.0905, 40.5366,
47.1160

151.5673,
160.6222, 182.2886

■ 26.2305, 27.9572,
32.7723

187.6555,
198.7677, 224.9438

■ 17.1297, 18.2934,
21.6824

229.0604,
242.5196, 273.7824

■ 10.4229, 11.1608,
13.4276

276.1475,
292.2624, 329.2231

■ 5.7446, 6.1751,
7.5895

329.2821,

■ 2.7296, 2.9519,

348.3803, 391.6844

3.7494

388.8295,
411.2578, 461.5848

■ 1.0124, 1.1067,
1.4889

■ 0.0000, 0.0000,
0.2097

■ 71.5498, 75.9800,
87.2385

■ 71.5498, 75.9800,
87.2385

■ 62.4417, 67.4737,
86.0778

■ 81.7850, 85.2916,
88.4975

■ 54.4118, 59.7376,
85.0078

■ 88.8605, 93.1959,
89.6503

■ 47.4172, 52.7481,
84.0274

■ 91.5657, 98.6063,
90.5520

■ 41.4094, 46.4764,
83.1335

■ 36.3358, 40.8915,
82.3229

■ 32.1384, 35.9595,
81.5921

■ 28.7520, 31.6428,
80.9374

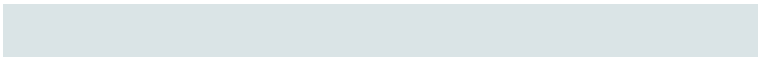
■ 26.1012, 27.8982,
80.3544

■ 24.0940, 24.6740,
79.8378

Harmonies

Analogous

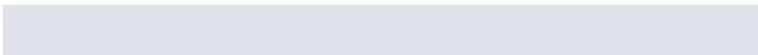
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.8724, 75.9800, 85.6411



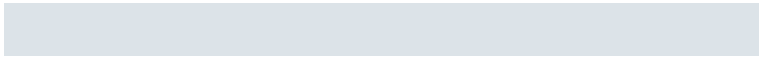
71.5498, 75.9800, 87.2385



72.4109, 75.9800, 87.6167

Triad

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



71.5498, 75.9800, 87.2385



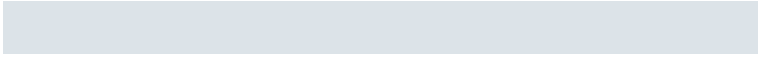
73.9037, 75.9800, 82.1749



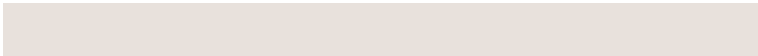
71.2164, 75.9800, 78.9154

Complementary

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



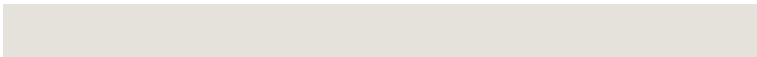
71.5498, 75.9800, 87.2385



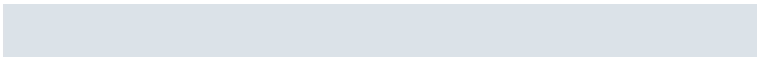
73.1225, 76.1730, 78.5603

Split Complementary

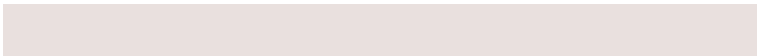
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.0229, 75.9800, 78.0272



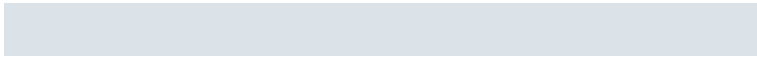
71.5498, 75.9800, 87.2385



73.5779, 75.9800, 79.8843

Square

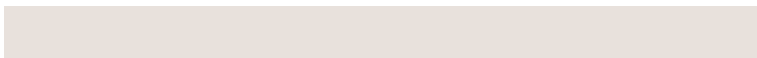
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5498, 75.9800, 87.2385



73.7745, 75.9800, 84.6600



72.8878, 75.9800, 78.3782



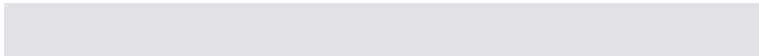
70.6810, 75.9800, 80.8282

Rectangle

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



71.5498, 75.9800, 87.2385



72.9742, 75.9800, 87.1198



72.8878, 75.9800, 78.3782



71.4645, 75.9800, 78.4889

Sweetspot

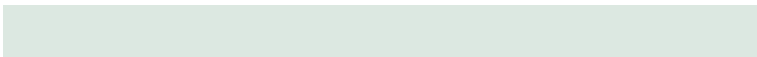
The Sweet Spot groups the original color and five complimentary colors.



71.5520, 75.9832, 87.2402



92.5248, 97.6981, 108.5888



71.9364, 78.3555, 82.4251



19.8306, 20.9356, 23.2457



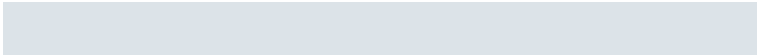
0.0000, 0.0000, 0.0000



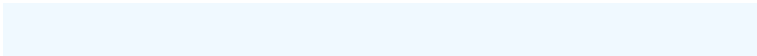
20.3446, 21.4041, 23.3091

Same Dimension

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



71.5520, 75.9832, 87.2402



87.6447, 93.2153, 107.9807



69.9913, 72.8618, 86.7199



14.8384, 15.7979, 18.4116



13.0543, 13.1707, 44.2373



1.0559, 1.1557, 3.2994

Inverse Universe

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



72.7388, 73.8898, 83.1052



89.3530, 90.2201, 102.0246



74.7182, 79.3643, 79.0922



15.1573, 15.2411, 17.2992



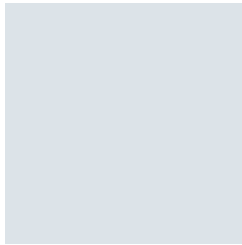
20.9827, 10.5273, 14.0698



1.5966, 0.7963, 1.2822

Previews

White Background



This preview shows how the XYZ color 71.5498, 75.9800, 87.2385 looks on a white background.

Color Contrast Check

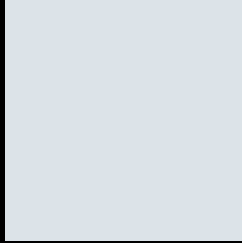
Large Text (above 18pt) WCAG AA × Fail

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 71.5498, 75.9800, 87.2385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

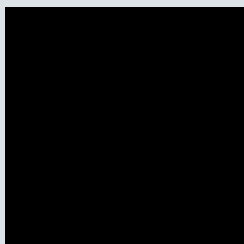
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

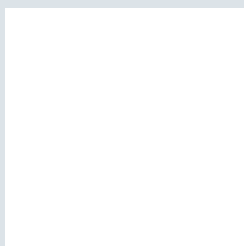
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5498, 75.9800, 87.2385

Background



This preview shows how black text looks on a background with the XYZ color 71.5498, 75.9800, 87.2385.

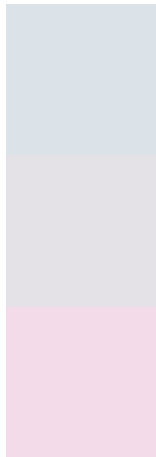


This preview shows how white text looks on a background with the XYZ color 71.5498, 75.9800,

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

71.5498, 75.9800, 87.2385

Protanopia

73.3439, 76.1139, 86.4271

Deuteranopia

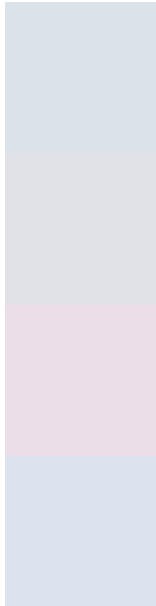
77.4910, 75.8366, 88.3956



Tritanopia

73.2271, 75.8511, 95.5753

Trichromacy



Original Color

71.5498, 75.9800, 87.2385

Protanomaly

72.6715, 76.1698, 86.4733

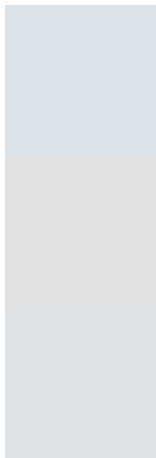
Deuteranomaly

75.0902, 75.7879, 87.7616

Tritanomaly

72.5951, 75.9969, 92.5040

Monochromacy



Original Color

71.5498, 75.9800, 87.2385

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.6314, 75.6821, 84.2315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5498, 75.9800, 87.2385 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(220, 227, 232) looks like.

```
.text, #text, p{  
    color:rgb(220, 227, 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(220, 227, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 227, 232) }
```

Border

The CSS property to change the border of an element to XYZ 71.5498, 75.9800, 87.2385 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(220, 227, 232) }
```


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

```
.border{ border-color:rgb(220, 227, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 227, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 227, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 227, 232);  
box-shadow:4px 4px 4px 4px rgb(220, 227,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5498, 75.9800, 87.2385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 227, 232) }
```

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

```
.background{ background-color: rgb(220,  
227, 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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