

Converting Colors

XYZ(72.0862, 76.0466, 85.6447)

Have a look what the booklet for
XYZ(72.0862, 76.0466, 85.6447)
contains.

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Color

**XYZ(71.9107, 75.7939,
85.7025)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE2E6
RGB	223, 226, 230
RGB Percent	87%, 89%, 90%
CMY	0.1255, 0.1137, 0.0980
CMYK	0.03, 0.02, 0.00, 0.10
HSL	214°, 12%, 89%
HSV	214°, 3%, 90%
XYZ	71.9107, 75.7939, 85.7025
YIQ	225.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

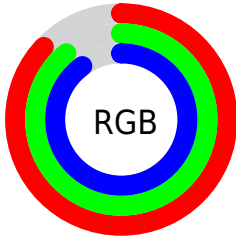
Format	Color
R _Y B	223, 225, 230
Decimal	14672614
CIE Lab	89.76, -0.27, -2.31
CIE LCh	90, 2.326, 263.270
Yxy	75.7939, 0.3081, 0.3247
Android (android.graphics.Color)	4292862694 (0xFFDFE2E6)
YUV	225.5590, 2.1894, -2.2442
Hunter-Lab	87.0597, -4.9147, 2.5761

Details

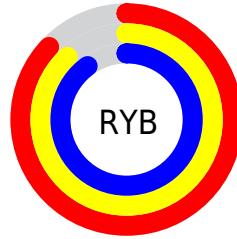
The XYZ color **71.9107, 75.7939, 85.7025** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4216, 77.0879, 80.8228**, and the grayscale version is **71.9586, 75.7060, 82.4438**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4492, 40.5458, 46.3571** is the 20% darker color. If you saturate the color by 10%, you get **61.8658, 65.5186, 84.2497**, and if you desaturate by 10%, it is **83.1960, 87.1188, 87.2948**.

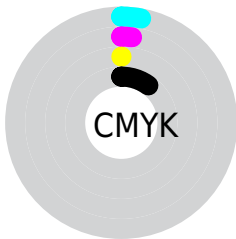
Distribution



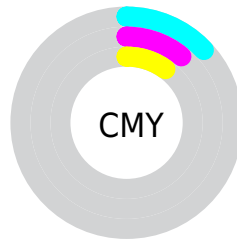
- Red (87%)
- Green (89%)
- Blue (90%)



- Red (87%)
- Yellow (88%)
- Blue (90%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9107, 75.7939, 85.7025 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 71.9107, 75.7939, 85.7025 by changing the saturation by 10% instead.

■ 71.9107, 75.7939,
85.7025

■ 71.9107, 75.7939,
85.7025

456.3932,
480.6419, 534.1548

■ 53.3709, 56.2635,
63.8685

120.9410,
127.4355, 143.2371

■ 38.3276, 40.4142,
46.0987

152.1623,
160.3156, 179.7748

■ 26.4154, 27.8617,
31.9745

188.3415,
198.4143, 222.0509

■ 17.2690, 18.2214,
21.0773

229.8439,
242.1161, 270.4838

■ 10.5230, 11.1091,
12.9888

277.0350,
291.8054, 325.4921

■ 5.8120, 6.1402,
7.2902

330.2799,

■ 2.7706, 2.9305,

347.8665, 387.4943

3.5630

389.9442,
410.6839, 456.9091

■ 1.0337, 1.0956,
1.3888

■ 0.0000, 0.0000,
0.1330

■ 71.9107, 75.7939,
85.7025

■ 71.9107, 75.7939,
85.7025

■ 61.8658, 65.5186,
84.2497

■ 83.1960, 87.1188,
87.2948

■ 53.0102, 56.2511,
82.9277

■ 90.4171, 96.7611,
88.7753

■ 45.2985, 47.9609,
81.7340

■ 91.2831, 98.4933,
89.0640

■ 38.6801, 40.6120,
80.6643

■ 33.1000, 34.1662,
79.7142

■ 28.4982, 28.5819,
78.8789

■ 24.8079, 23.8137,
78.1530

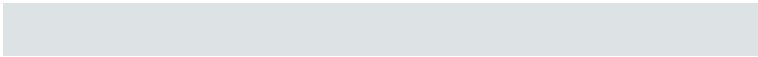
■ 21.9529, 19.8106,
77.5309

■ 19.8419, 16.5136,
77.0057

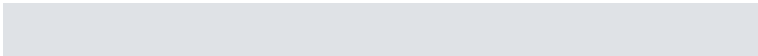
Harmonies

Analogous

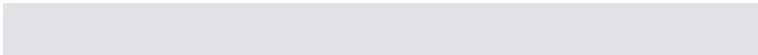
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.3825, 75.7939, 85.0834



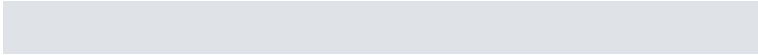
71.9107, 75.7939, 85.7025



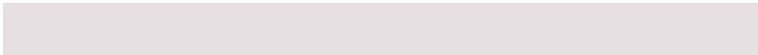
72.4763, 75.7939, 85.4616

Triad

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



71.9107, 75.7939, 85.7025



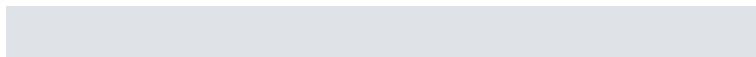
73.0575, 75.7939, 81.2854



71.1598, 75.7939, 80.6526

Complementary

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



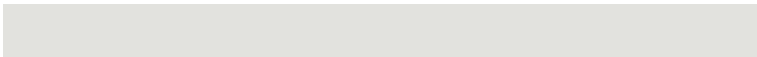
71.9107, 75.7939, 85.7025



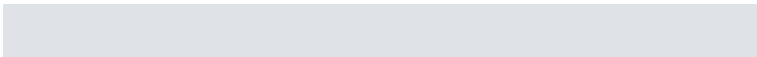
73.4216, 77.0879, 80.8228

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.



71.6051, 75.7939, 79.6597



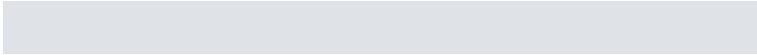
71.9107, 75.7939, 85.7025



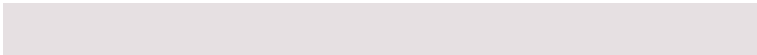
72.7012, 75.7939, 80.0217

Square

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



71.9107, 75.7939, 85.7025



73.1404, 75.7939, 82.8973



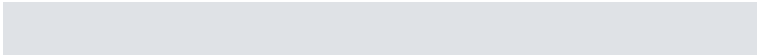
72.1691, 75.7939, 79.4303



70.9504, 75.7939, 82.1572

Rectangle

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



71.9107, 75.7939, 85.7025



72.7982, 75.7939, 84.8473



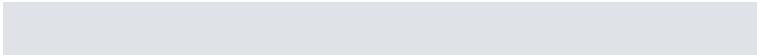
72.1691, 75.7939, 79.4303



71.2867, 75.7939, 80.2488

Sweetspot

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



71.9129, 75.7971, 85.7042



93.6554, 98.5943, 108.7022



72.5899, 77.8270, 83.8463



20.0608, 21.1181, 23.2688



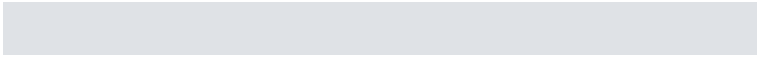
0.0000, 0.0000, 0.0000



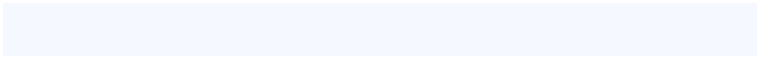
20.3446, 21.4041, 23.3091

Same Dimension

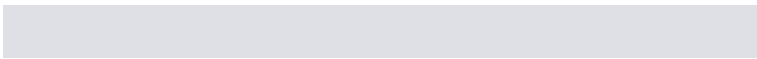
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.9129, 75.7971, 85.7042



89.5669, 94.4574, 108.1192



71.2471, 74.2519, 85.4410



15.1247, 15.9568, 18.4271



10.7121, 8.4863, 43.4566



0.8823, 0.8085, 3.2415

Inverse Universe

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



72.7499, 75.0907, 82.6150



90.9585, 93.2945, 102.9810



74.1008, 78.6684, 81.0921



15.4028, 15.7260, 17.3999



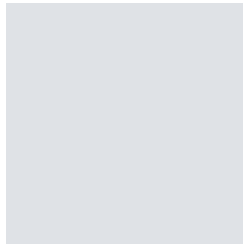
19.8005, 10.0544, 7.8443



1.5090, 0.7613, 0.8207

Previews

White Background



This preview shows how the XYZ color 71.9107, 75.7939, 85.7025 looks on a white background.

Color Contrast Check

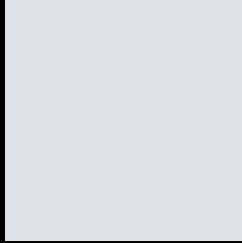
Large Text (above 18pt) WCAG AA × Fail

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 71.9107, 75.7939, 85.7025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

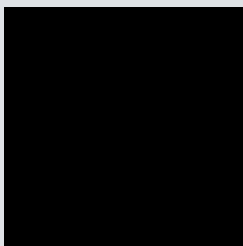
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

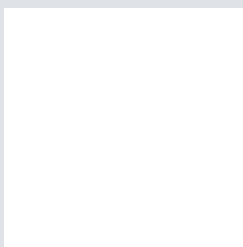
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.9107, 75.7939, 85.7025

Background



This preview shows how black text looks on a background with the XYZ color 71.9107, 75.7939, 85.7025.



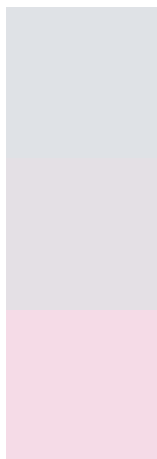
This preview shows how white text looks on a background with the XYZ color 71.9107, 75.7939,

85.7025.

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

71.9107, 75.7939, 85.7025

Protanopia

72.7934, 75.4624, 84.8578

Deuteranopia

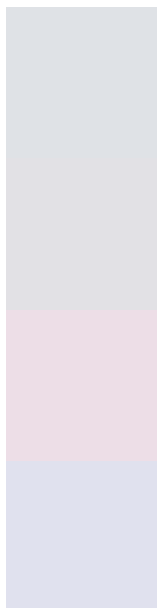
77.4115, 75.8450, 86.1608



Tritanopia

73.7340, 75.7297, 94.7355

Trichromacy



Original Color

71.9107, 75.7939, 85.7025

Protanomaly

72.4321, 75.6763, 84.9182

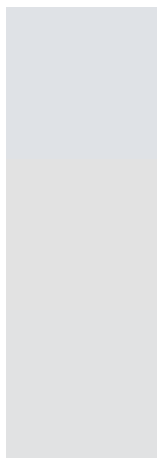
Deuteranomaly

75.4701, 76.0166, 86.2963

Tritanomaly

73.0983, 75.8708, 91.6807

Monochromacy



Original Color

71.9107, 75.7939, 85.7025

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.1128, 75.9463, 83.5314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9107, 75.7939, 85.7025 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(223, 226, 230) looks like.

```
.text, #text, p{  
    color:rgb(223, 226, 230)  
}
```

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(223, 226, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 226, 230) }
```

Border

The CSS property to change the border of an element to XYZ 71.9107, 75.7939, 85.7025 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(223, 226, 230) }
```


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

```
.border{ border-color:rgb(223, 226, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 226, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 226, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 226, 230);  
box-shadow:4px 4px 4px 4px rgb(223, 226,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9107, 75.7939, 85.7025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 226, 230) }
```

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

```
.background{ background-color: rgb(223,  
226, 230) }
```

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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