

Converting Colors

XYZ(71.4076, 76.1160, 85.4236)

Have a look what the booklet for
XYZ(71.4076, 76.1160, 85.4236)
contains.

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Color

**XYZ(71.2672, 75.8670,
85.7505)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE3E6
RGB	220, 227, 230
RGB Percent	86%, 89%, 90%
CMY	0.1372, 0.1098, 0.0980
CMYK	0.04, 0.01, 0.00, 0.10
HSL	198°, 17%, 88%
HSV	198°, 4%, 90%
XYZ	71.2672, 75.8670, 85.7505
YIQ	225.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

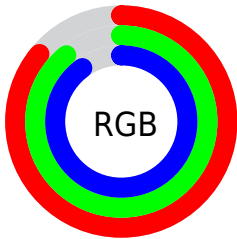
Format	Color
R _Y B	220, 224, 230
Decimal	14476262
CIE Lab	89.80, -1.78, -2.29
CIE LCh	90, 2.898, 232.055
Yxy	75.8670, 0.3060, 0.3258
Android (android.graphics.Color)	4292666342 (0xFFDCE3E6)
YUV	225.2490, 2.3422, -4.6034
Hunter-Lab	87.1017, -6.3779, 2.6009

Details

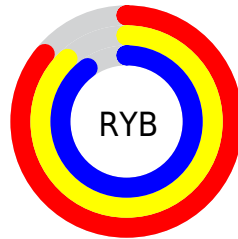
The XYZ color **71.2672, 75.8670, 85.7505** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.9392, 74.7648, 78.3507**, and the grayscale version is **71.7353, 75.4711, 82.1880**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0074, 40.5995, 46.3907** is the 20% darker color. If you saturate the color by 10%, you get **62.9326, 68.8300, 84.8327**, and if you desaturate by 10%, it is **80.6393, 83.5551, 86.7416**.

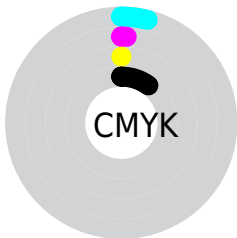
Distribution



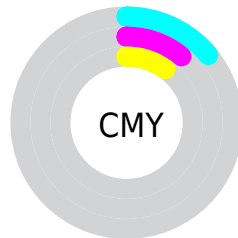
- Red (86%)
- Green (89%)
- Blue (90%)



- Red (86%)
- Yellow (88%)
- Blue (90%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (14%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2672, 75.8670, 85.7505 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 71.2672, 75.8670, 85.7505 by changing the saturation by 10% instead.

■ 71.2672, 75.8670,
85.7505

■ 71.2672, 75.8670,
85.7505

454.1843,
480.8923, 534.3174

■ 52.8436, 56.3235,
63.9080

120.0306,
127.5389, 143.3047

■ 37.9049, 40.4623,
46.1304

151.1010,
160.4360, 179.8535

■ 26.0858, 27.8992,
31.9993

187.1178,
198.5531, 222.1414

■ 17.0208, 18.2497,
21.0962

228.4463,
242.2746, 270.5871

■ 10.3447, 11.1294,
13.0024

275.4519,
291.9849, 325.6089

■ 5.6921, 6.1539,
7.2995

328.4998,

■ 2.6977, 2.9389,

348.0683, 387.6256

3.5688

387.9555,
410.9093, 457.0555

■ 0.9960, 1.0999,
1.3919

■ 0.0000, 0.0000,
0.1354

■ 71.2672, 75.8670,
85.7505

■ 71.2672, 75.8670,
85.7505

■ 62.9326, 68.8300,
84.8327

■ 80.6393, 83.5551,
86.7416

■ 55.5892, 62.4126,
83.9810

■ 86.9158, 89.7585,
87.6082

■ 49.1969, 56.5948,
83.1950

■ 88.9921, 93.9112,
88.3003

■ 43.7101, 51.3520,
82.4722

■ 91.1465, 98.2199,
89.0184

■ 39.0792, 46.6570,
81.8101

■ 91.2831, 98.4933,
89.0640

■ 35.2495, 42.4805,
81.2057

■ 32.1599, 38.7893,
80.6561

■ 29.7392, 35.5454,
80.1576

■ 27.9011, 32.7027,
79.7058

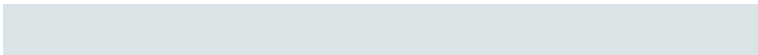
Harmonies

Analogous

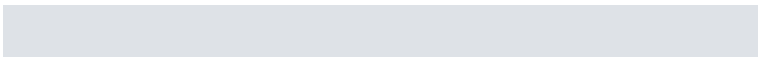
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.8425, 75.8670, 84.0937



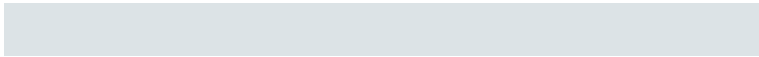
71.2672, 75.8670, 85.7505



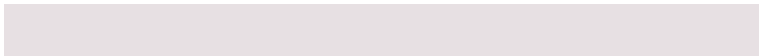
71.9194, 75.8670, 86.5677

Triad

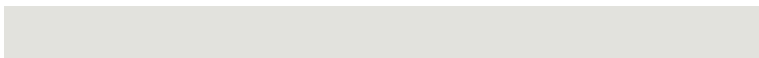
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2672, 75.8670, 85.7505



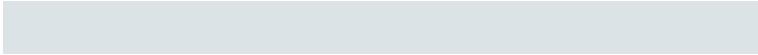
73.4796, 75.8670, 83.1517



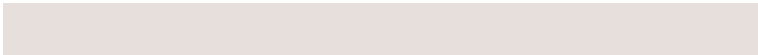
71.5943, 75.8670, 79.0104

Complementary

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



71.2672, 75.8670, 85.7505



71.9392, 74.7648, 78.3507

Split Complementary

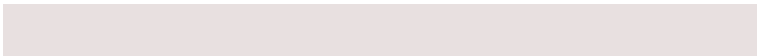
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.2995, 75.8670, 78.7676



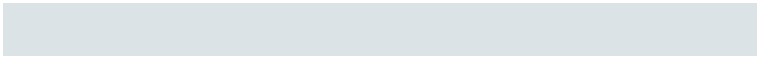
71.2672, 75.8670, 85.7505



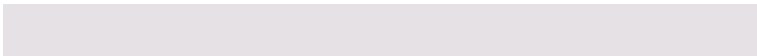
73.3911, 75.8670, 81.1365

Square

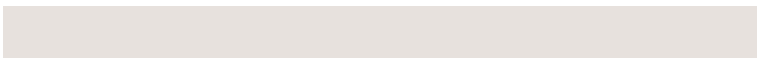
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2672, 75.8670, 85.7505



73.1990, 75.8670, 85.0512



72.9580, 75.8670, 79.5398



71.0305, 75.8670, 80.2087

Rectangle

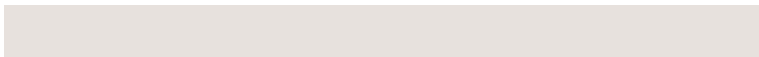
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



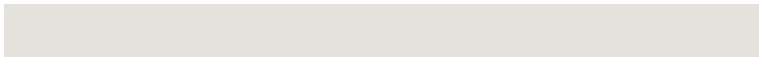
71.2672, 75.8670, 85.7505



72.3968, 75.8670, 86.5171



72.9580, 75.8670, 79.5398



71.8225, 75.8670, 78.8151

Sweetspot

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



71.2694, 75.8702, 85.7522



93.8748, 99.0330, 108.7753



71.1100, 77.1292, 80.8349



20.1055, 21.2074, 23.2837



0.0000, 0.0000, 0.0000



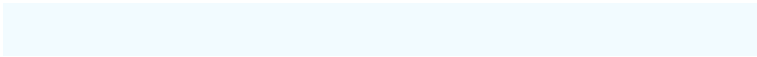
20.3446, 21.4041, 23.3091

Same Dimension

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



71.2694, 75.8702, 85.7522



89.3072, 95.2483, 108.2855



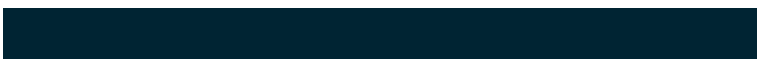
69.9648, 73.2611, 85.3173



15.1183, 16.1523, 18.4652



15.4219, 17.9060, 45.0265



1.2199, 1.4838, 3.3541

Inverse Universe

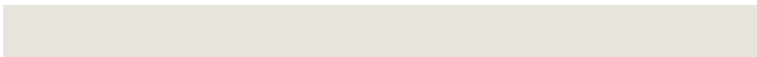
The Inverse Universe completely reimagines the original color for something new.



72.0931, 73.5568, 83.0751



90.5075, 91.8896, 104.3816



73.2501, 77.3866, 78.7877



15.3488, 15.5098, 17.7153



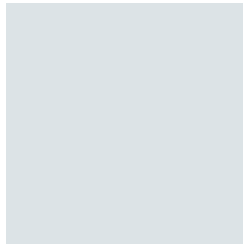
22.1778, 11.0053, 20.3630



1.6794, 0.8295, 1.7182

Previews

White Background



This preview shows how the XYZ color 71.2672, 75.8670, 85.7505 looks on a white background.

Color Contrast Check

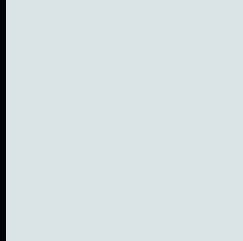
Large Text (above 18pt) WCAG AA × Fail

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 71.2672, 75.8670, 85.7505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

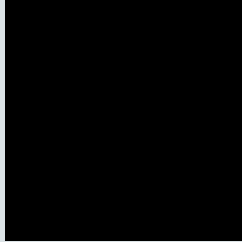
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

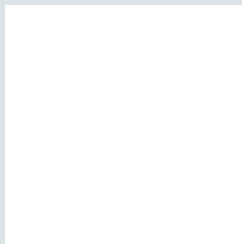
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2672, 75.8670, 85.7505

Background



This preview shows how black text looks on a background with the XYZ color 71.2672, 75.8670, 85.7505.



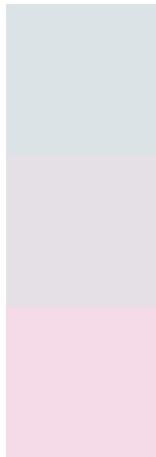
This preview shows how white text looks on a background with the XYZ color 71.2672, 75.8670,

85.7505.

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

71.2672, 75.8670, 85.7505

Protanopia

73.1116, 75.6265, 84.8727

Deuteranopia

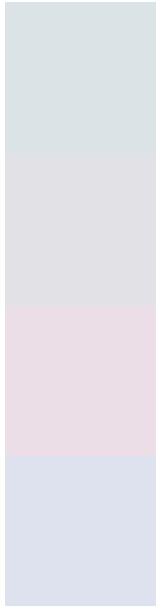
77.5532, 75.9017, 86.9069



Tritanopia

73.2271, 75.8511, 95.5753

Trichromacy



Original Color

71.2672, 75.8670, 85.7505

Protanomaly

72.4321, 75.6763, 84.9182

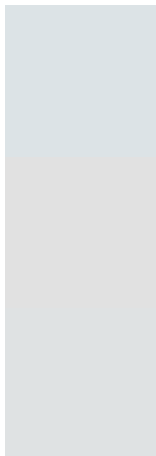
Deuteranomaly

75.1372, 75.8449, 86.2807

Tritanomaly

72.4478, 75.9379, 91.7280

Monochromacy



Original Color

71.2672, 75.8670, 85.7505

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.4929, 75.6267, 83.5024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2672, 75.8670, 85.7505 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, 230) looks like.

```
.text, #text, p{  
    color:rgb(220, 227, 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(220, 227, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 227, 230) }
```

Border

The CSS property to change the border of an element to XYZ 71.2672, 75.8670, 85.7505 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, 230) }
```


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

```
.border{ border-color:rgb(220, 227, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 227, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 227, 230);  
box-shadow:4px 4px 4px 4px rgb(220, 227,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2672, 75.8670, 85.7505 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, 230) }
```

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

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