

Converting Colors

XYZ(70.1922, 75.1710, 85.8567)

Have a look what the booklet for
XYZ(70.1922, 75.1710, 85.8567)
contains.

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Color

**XYZ(70.3673, 75.4031,
85.7084)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E3E6
RGB	217, 227, 230
RGB Percent	85%, 89%, 90%
CMY	0.1490, 0.1098, 0.0980
CMYK	0.06, 0.01, 0.00, 0.10
HSL	194°, 21%, 88%
HSV	194°, 6%, 90%
XYZ	70.3673, 75.4031, 85.7084
YIQ	224.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

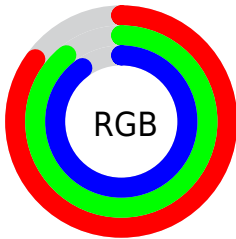
Format	Color
R _Y B	217, 223, 230
Decimal	14279654
CIE Lab	89.58, -2.77, -2.63
CIE LCh	90, 3.819, 223.484
Yxy	75.4031, 0.3040, 0.3257
Android (android.graphics.Color)	4292469734 (0xFFD9E3E6)
YUV	224.3520, 2.7845, -6.4477
Hunter-Lab	86.8350, -7.3125, 2.2637

Details

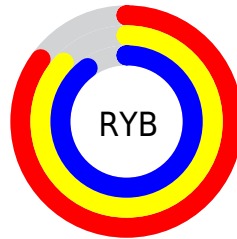
The XYZ color **70.3673, 75.4031, 85.7084** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.7509, 73.0184, 76.0118**, and the grayscale version is **71.0894, 74.7916, 81.4480**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3907, 40.2816, 46.3619** is the 20% darker color. If you saturate the color by 10%, you get **62.5744, 69.2683, 84.9361**, and if you desaturate by 10%, it is **79.1619, 82.1248, 86.5434**.

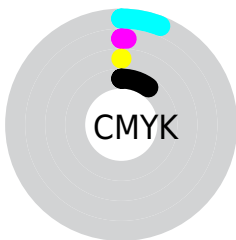
Distribution



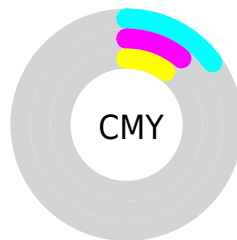
- Red (85%)
- Green (89%)
- Blue (90%)



- Red (85%)
- Yellow (87%)
- Blue (90%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3673, 75.4031, 85.7084 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 70.3673, 75.4031, 85.7084 by changing the saturation by 10% instead.

■ 70.3673, 75.4031,
85.7084

■ 70.3673, 75.4031,
85.7084

451.0849,
479.3019, 534.1748

■ 52.1067, 55.9432,
63.8734

118.7558,
126.8828, 143.2454

■ 37.3148, 40.1574,
46.1026

149.6145,
159.6714, 179.7845

■ 25.6261, 27.6613,
31.9775

185.4031,
197.6716, 222.0620

■ 16.6753, 18.0705,
21.0797

226.4873,
241.2680, 270.4965

■ 10.0971, 11.0006,
12.9904

273.2321,
290.8448, 325.5064

■ 5.5262, 6.0672,
7.2913

326.0031,

■ 2.5971, 2.8860,

346.7864, 387.5105

3.5637

385.1656,
409.4774, 456.9271

■ 0.9445, 1.0725,
1.3892

■ 0.0000, 0.0000,
0.1333

■ 70.3673, 75.4031,
85.7084

■ 70.3673, 75.4031,
85.7084

■ 62.5744, 69.2683,
84.9361

■ 79.1619, 82.1248,
86.5434

■ 55.7373, 63.6898,
84.2197

■ 85.9836, 87.8941,
87.2975

■ 49.8157, 58.6483,
83.5588

■ 87.5465, 91.0199,
87.8185

■ 44.7641, 54.1199,
82.9509

■ 89.1552, 94.2373,
88.3547

■ 40.5328, 50.0783,
82.3938

■ 90.8101, 97.5471,
88.9063

■ 37.0672, 46.4946,
81.8848

■ 91.2831, 98.4933,
89.0640

■ 34.3052, 43.3363,
81.4207

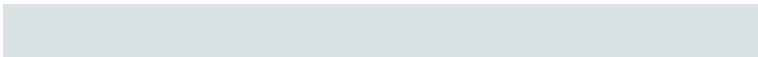
■ 32.1749, 40.5656,
80.9982

■ 30.5875, 38.1362,
80.6129

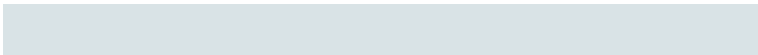
Harmonies

Analogous

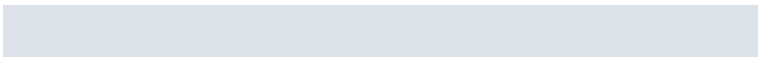
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.9282, 75.4031, 83.3119



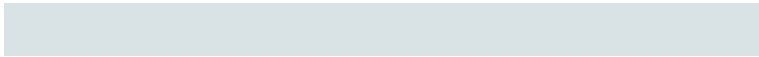
70.3673, 75.4031, 85.7084



71.1567, 75.4031, 87.1552

Triad

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



70.3673, 75.4031, 85.7084



73.4121, 75.4031, 83.5788



71.2485, 75.4031, 77.1784

Complementary

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



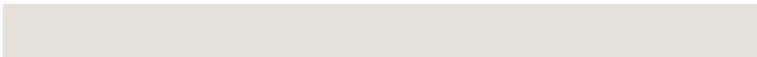
70.3673, 75.4031, 85.7084



70.7509, 73.0184, 76.0118

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.



72.1825, 75.4031, 77.2463



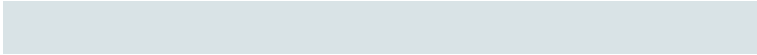
70.3673, 75.4031, 85.7084



73.4372, 75.4031, 80.9022

Square

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



70.3673, 75.4031, 85.7084



72.9171, 75.4031, 85.9075



72.9854, 75.4031, 78.5966



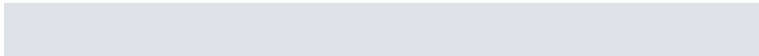
70.4340, 75.4031, 78.4089

Rectangle

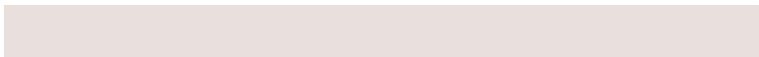
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.3673, 75.4031, 85.7084



71.7781, 75.4031, 87.3673



72.9854, 75.4031, 78.5966



71.5588, 75.4031, 77.0510

Sweetspot

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



70.3695, 75.4063, 85.7101



92.8247, 98.2978, 108.6887



69.8072, 76.5042, 78.6716



19.8916, 21.0577, 23.2661



0.0000, 0.0000, 0.0000



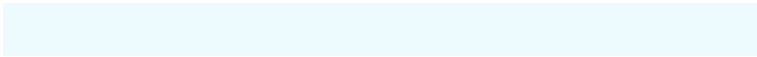
20.3446, 21.4041, 23.3091

Same Dimension

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



70.3695, 75.4063, 85.7101



87.4867, 94.1734, 108.1740



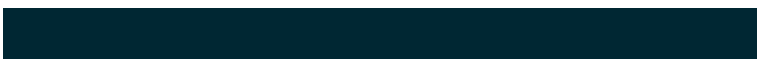
68.6723, 72.0120, 85.1443



14.8374, 15.9987, 18.4504



17.0829, 21.2279, 45.5802



1.3311, 1.7062, 3.3911

Inverse Universe

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



71.3128, 71.9962, 82.8149



88.9622, 88.8731, 103.6379



72.4412, 76.3991, 76.5752



15.1073, 15.0316, 17.6202



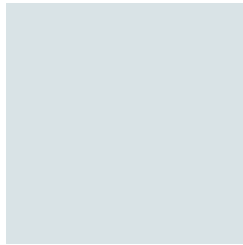
23.0162, 11.3407, 24.7778



1.7355, 0.8519, 2.0138

Previews

White Background



This preview shows how the XYZ color 70.3673, 75.4031, 85.7084 looks on a white background.

Color Contrast Check

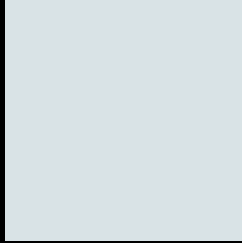
Large Text (above 18pt) WCAG AA × Fail

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 70.3673, 75.4031, 85.7084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

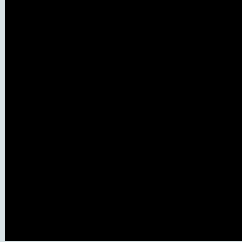
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

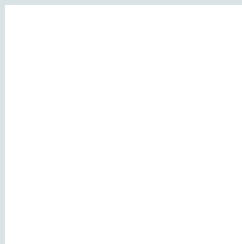
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.3673, 75.4031, 85.7084

Background



This preview shows how black text looks on a background with the XYZ color 70.3673, 75.4031, 85.7084.



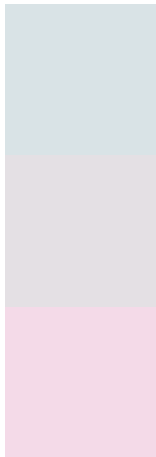
This preview shows how white text looks on a background with the XYZ color 70.3673, 75.4031,

85.7084.

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

70.3673, 75.4031, 85.7084

Protanopia

72.6542, 75.4067, 84.1245

Deuteranopia

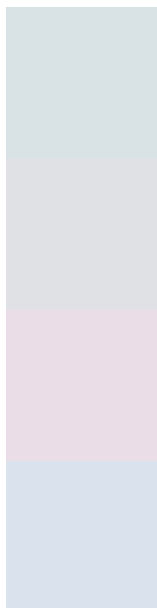
76.9451, 75.2021, 86.8039



Tritanopia

72.3163, 75.3816, 95.5326

Trichromacy



Original Color

70.3673, 75.4031, 85.7084

Protanomaly

71.8085, 75.3549, 84.8890

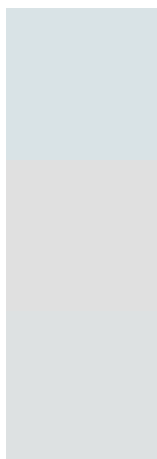
Deuteranomaly

74.2119, 74.9748, 86.1615

Tritanomaly

71.5424, 75.4712, 91.6856

Monochromacy



Original Color

70.3673, 75.4031, 85.7084

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.4715, 74.7136, 82.6584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3673, 75.4031, 85.7084 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(217, 227, 230) looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 227, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 227, 230) }
```

Border

The CSS property to change the border of an element to XYZ 70.3673, 75.4031, 85.7084 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(217, 227, 230) }
```


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

```
.border{ border-color:rgb(217, 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(217, 227, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 227, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 227, 230);  
box-shadow:4px 4px 4px 4px rgb(217, 227,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3673, 75.4031, 85.7084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 227, 230) }
```

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

```
.background{ background-color: rgb(217,  
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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