

Converting Colors

XYZ(70.5753, 74.6860, 87.7004)

Have a look what the booklet for
XYZ(70.5753, 74.6860, 87.7004)
contains.

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Color

**XYZ(70.5466, 74.6390,
87.7794)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE1E9
RGB	218, 225, 233
RGB Percent	85%, 88%, 91%
CMY	0.1451, 0.1176, 0.0863
CMYK	0.06, 0.03, 0.00, 0.09
HSL	212°, 25%, 88%
HSV	212°, 6%, 91%
XYZ	70.5466, 74.6390, 87.7794
YIQ	223.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

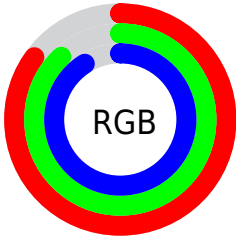
Format	Color
R _Y B	218, 223, 233
Decimal	14344681
CIE Lab	89.22, -0.84, -4.72
CIE LCh	89, 4.795, 259.857
Yxy	74.6390, 0.3028, 0.3204
Android (android.graphics.Color)	4292534761 (0xFFDAE1E9)
YUV	223.8190, 4.5262, -5.1033
Hunter-Lab	86.3939, -5.4316, 0.2348

Details

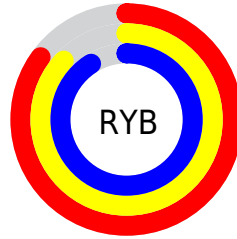
The XYZ color **70.5466, 74.6390, 87.7794** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4558, 76.7777, 77.2789**, and the grayscale version is **70.6962, 74.3780, 80.9976**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4148, 39.7103, 47.2879** is the 20% darker color. If you saturate the color by 10%, you get **60.8265, 64.8250, 86.3986**, and if you desaturate by 10%, it is **81.4948, 85.4529, 89.2908**.

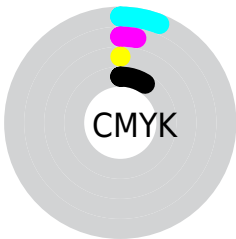
Distribution



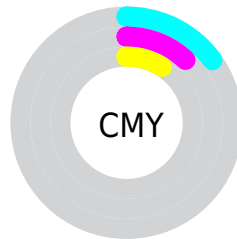
- Red (85%)
- Green (88%)
- Blue (91%)



- Red (85%)
- Yellow (87%)
- Blue (91%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5466, 74.6390, 87.7794 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 70.5466, 74.6390, 87.7794 by changing the saturation by 10% instead.

■ 70.5466, 74.6390,
87.7794

■ 70.5466, 74.6390,
87.7794

451.7034,
476.6759, 541.1631

■ 52.2535, 55.3172,
65.5771

119.0099,
125.8012, 146.1584

■ 37.4322, 39.6557,
47.4749

149.9109,
158.4104, 183.1722

■ 25.7175, 27.2702,
33.0542

185.7451,
196.2176, 225.9603

■ 16.7440, 17.7763,
21.8965

226.8780,
239.6070, 274.9411

■ 10.1463, 10.7895,
13.5833

273.6749,
288.9632, 330.5333

■ 5.5591, 5.9255,
7.6960

326.5013,

■ 2.6170, 2.7998,

344.6704, 393.1553

3.8161

385.7223,
407.1132, 463.2257

■ 0.9546, 1.0281,
1.5250

■ 0.0000, 0.0000,
0.2364

■ 70.5466, 74.6390,
87.7794

■ 70.5466, 74.6390,
87.7794

■ 60.8265, 64.8250,
86.3986

■ 81.4948, 85.4529,
89.2908

■ 52.2823, 55.9701,
85.1397

■ 90.0866, 95.4200,
90.7618

■ 44.8672, 48.0445,
84.0007

■ 91.7082, 98.6633,
91.3024

■ 38.5289, 41.0128,
82.9776

■ 33.2104, 34.8372,
82.0659

■ 28.8491, 29.4766,
81.2610

■ 25.3747, 24.8855,
80.5580

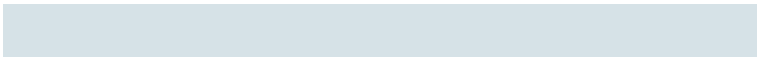
■ 22.7057, 21.0123,
79.9510

■ 20.7410, 17.7946,
79.4335

Harmonies

Analogous

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



69.5013, 74.6390, 86.2958



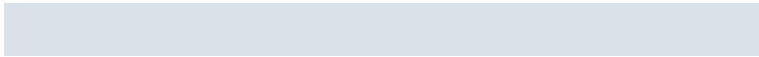
70.5466, 74.6390, 87.7794



71.7092, 74.6390, 87.4824

Triad

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



70.5466, 74.6390, 87.7794



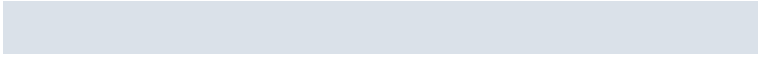
73.0797, 74.6390, 79.0998



69.2358, 74.6390, 77.1849

Complementary

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



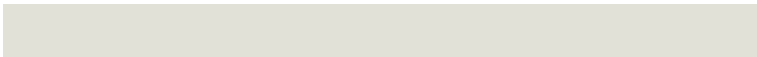
70.5466, 74.6390, 87.7794



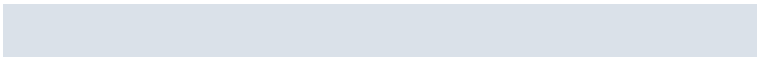
73.4558, 76.7777, 77.2789

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.



70.1805, 74.6390, 75.3574



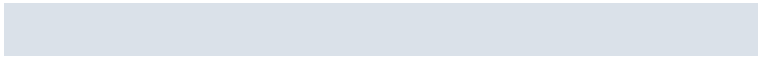
70.5466, 74.6390, 87.7794



72.4027, 74.6390, 76.4417

Square

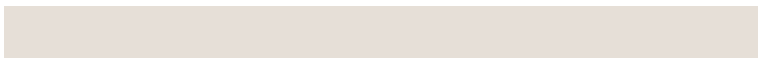
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.5466, 74.6390, 87.7794



73.1803, 74.6390, 82.4094



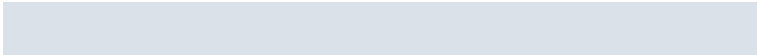
71.3391, 74.6390, 75.0891



68.7501, 74.6390, 80.1396

Rectangle

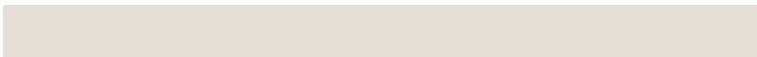
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.5466, 74.6390, 87.7794



72.3940, 74.6390, 86.3173



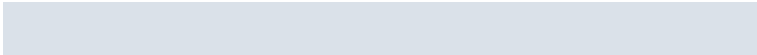
71.3391, 74.6390, 75.0891



69.5098, 74.6390, 76.4218

Sweetspot

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



70.5488, 74.6422, 87.7810



92.3373, 97.3231, 108.5263



71.7467, 78.6618, 83.1747



19.7924, 20.8593, 23.2330



0.0000, 0.0000, 0.0000



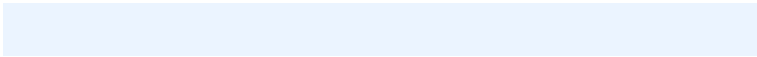
20.3446, 21.4041, 23.3091

Same Dimension

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



70.5488, 74.6422, 87.7810



84.5672, 89.5906, 107.4433



68.7688, 70.9712, 87.1663



14.8110, 15.7084, 19.1737



11.5574, 9.7617, 45.0180



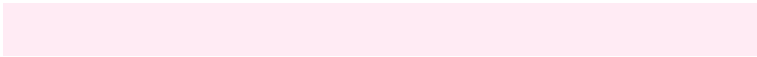
1.0030, 0.9575, 3.5668

Inverse Universe

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



72.2679, 72.9041, 81.5008



87.1820, 86.9871, 97.8825



75.3177, 80.6226, 77.9229



15.3581, 15.1711, 17.1713



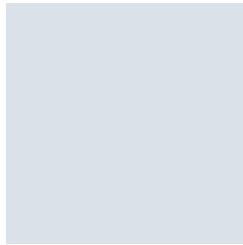
20.6889, 10.4783, 9.4292



1.6728, 0.8421, 0.9942

Previews

White Background



This preview shows how the XYZ color 70.5466, 74.6390, 87.7794 looks on a white background.

Color Contrast Check

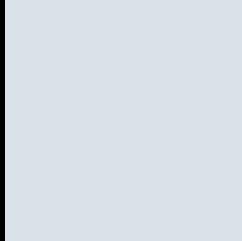
Large Text (above 18pt) WCAG AA × Fail

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 70.5466, 74.6390, 87.7794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

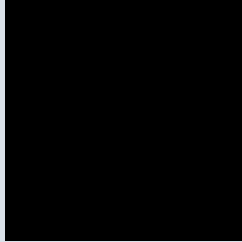
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

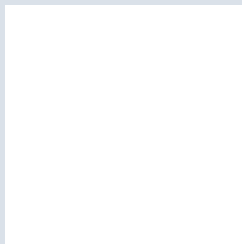
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.5466, 74.6390, 87.7794

Background



This preview shows how black text looks on a background with the XYZ color 70.5466, 74.6390, 87.7794.



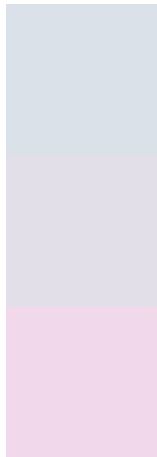
This preview shows how white text looks on a background with the XYZ color 70.5466, 74.6390,

87.7794.

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

70.5466, 74.6390, 87.7794

Protanopia

72.3172, 74.7703, 86.9645

Deuteranopia

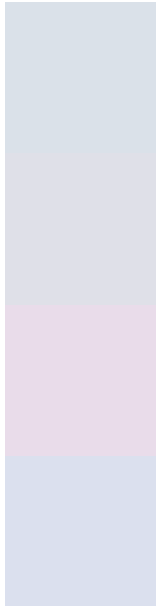
76.0839, 74.3246, 88.9333



Tritanopia

71.7463, 74.7223, 93.8605

Trichromacy



Original Color

70.5466, 74.6390, 87.7794

Protanomaly

71.6526, 74.8255, 87.0102

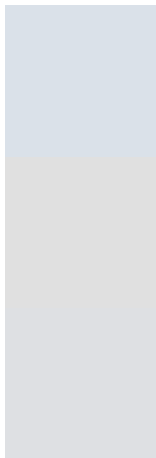
Deuteranomaly

74.0488, 74.4506, 88.3095

Tritanomaly

71.3017, 74.5444, 91.5194

Monochromacy



Original Color

70.5466, 74.6390, 87.7794

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.6450, 74.3870, 83.3078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5466, 74.6390, 87.7794 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(218, 225, 233) looks like.

```
.text, #text, p{  
    color:rgb(218, 225, 233)  
}
```

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(218, 225, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 225, 233) }
```

Border

The CSS property to change the border of an element to XYZ 70.5466, 74.6390, 87.7794 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(218, 225, 233) }
```


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

```
.border{ border-color:rgb(218, 225, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 225, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 225, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 225, 233);  
box-shadow:4px 4px 4px 4px rgb(218, 225,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5466, 74.6390, 87.7794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 225, 233) }
```

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

```
.background{ background-color: rgb(218,  
225, 233) }
```

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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