

Converting Colors

XYZ(67.3048, 71.6139, 86.6133)

Have a look what the booklet for
XYZ(67.3048, 71.6139, 86.6133)
contains.

XYZ(67.5507, 71.9176, 86.6651)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.5507, 71.9176,
86.6651)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DEE8
RGB	211, 222, 232
RGB Percent	83%, 87%, 91%
CMY	0.1725, 0.1294, 0.0902
CMYK	0.09, 0.04, 0.00, 0.09
HSL	209°, 31%, 87%
HSV	209°, 9%, 91%
XYZ	67.5507, 71.9176, 86.6651
YIQ	219.8510, -9.7660, 0.7780

Conversions

Conversions Part 2

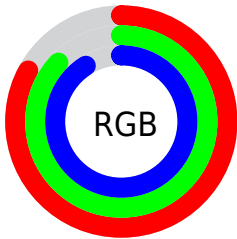
Format	Color
R _Y B	211, 218, 232
Decimal	13885160
CIE Lab	87.93, -1.77, -6.16
CIE LCh	88, 6.410, 254.015
Yxy	71.9176, 0.2987, 0.3180
Android (android.graphics.Color)	4292075240 (0xFFD3DEE8)
YUV	219.8510, 5.9895, -7.7623
Hunter-Lab	84.8042, -6.2235, -1.2280

Details

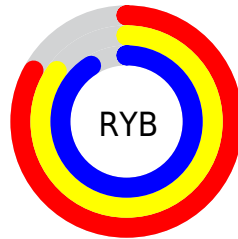
The XYZ color **67.5507, 71.9176, 86.6651** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8933, 73.5713, 72.0934**, and the grayscale version is **67.8898, 71.4253, 77.7822**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3655, 37.8399, 46.5142** is the 20% darker color. If you saturate the color by 10%, you get **58.5405, 63.0616, 85.4317**, and if you desaturate by 10%, it is **77.7165, 81.6585, 88.0106**.

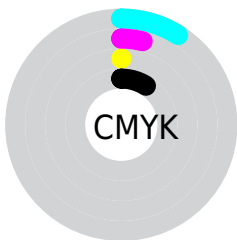
Distribution



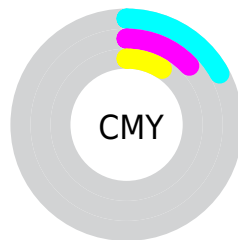
- Red (83%)
- Green (87%)
- Blue (91%)



- Red (83%)
- Yellow (85%)
- Blue (91%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (17%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5507, 71.9176, 86.6651 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 67.5507, 71.9176, 86.6651 by changing the saturation by 10% instead.

■ 67.5507, 71.9176,
86.6651

■ 67.5507, 71.9176,
86.6651

441.3042,
467.2547, 537.4094

■ 49.8046, 53.0914,
64.6601

114.7546,
121.9394, 144.5920

■ 35.4754, 37.8757,
46.7359

144.9431,
153.9037, 181.3509

■ 24.1975, 25.8862,
32.4741

180.0099,
191.0162, 223.8649

■ 15.6057, 16.7386,
21.4560

220.3202,
233.6612, 272.5525

■ 9.3347, 10.0483,
13.2633

266.2395,
282.2232, 327.8322

■ 5.0190, 5.4310,
7.4772

318.1330,

■ 2.2933, 2.5023,

337.0865, 390.1225

3.6794

376.3661,
398.6356, 459.8421

■ 0.7912, 0.8778,
1.4511

■ 0.0000, 0.0000,
0.1811

■ 67.5507, 71.9176,
86.6651

■ 67.5507, 71.9176,
86.6651

■ 58.5405, 63.0616,
85.4317

■ 77.7165, 81.6585,
88.0106

■ 50.6350, 55.0530,
84.3026

■ 88.1844, 91.8436,
89.4248

■ 43.7888, 47.8648,
83.2759

■ 91.5657, 98.6063,
90.5519

■ 37.9506, 41.4647,
82.3483

■ 33.0645, 35.8179,
81.5159

■ 29.0684, 30.8864,
80.7746

■ 25.8923, 26.6276,
80.1200

■ 23.4537, 22.9924,
79.5469

■ 21.6278, 19.9095,
79.0480

Harmonies

Analogous

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



66.2671, 71.9176, 84.2912



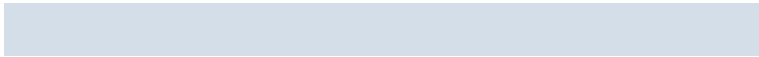
67.5507, 71.9176, 86.6651



69.0686, 71.9176, 86.7451

Triad

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



67.5507, 71.9176, 86.6651



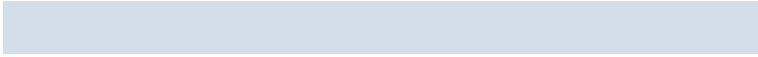
71.2420, 71.9176, 76.2886



66.3370, 71.9176, 72.4171

Complementary

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



67.5507, 71.9176, 86.6651



70.8933, 73.5713, 72.0934

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.



67.6474, 71.9176, 70.4329



67.5507, 71.9176, 86.6651



70.4874, 71.9176, 72.6112

Square

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



67.5507, 71.9176, 86.6651



71.2151, 71.9176, 80.6430



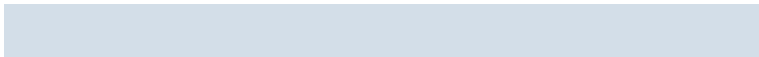
69.1667, 71.9176, 70.5025



65.5735, 71.9176, 76.0147

Rectangle

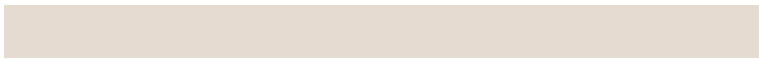
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.5507, 71.9176, 86.6651



70.0101, 71.9176, 85.4798



69.1667, 71.9176, 70.5025



66.7273, 71.9176, 71.5453

Sweetspot

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



67.5528, 71.9206, 86.6667



91.1406, 96.2763, 108.3873



68.7463, 76.7731, 79.4635



19.2890, 20.3977, 23.1705



0.0000, 0.0000, 0.0000



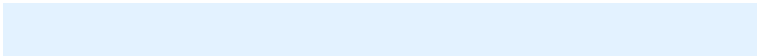
20.3446, 21.4041, 23.3091

Same Dimension

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



67.5528, 71.9206, 86.6667



81.3600, 86.8373, 107.0809



64.8992, 66.6135, 85.7822



14.2046, 15.1306, 18.3162



12.0471, 11.1562, 43.9016



0.9831, 1.0102, 3.2751

Inverse Universe

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



69.7594, 69.0197, 78.7561



84.6695, 82.5605, 95.2001



73.6977, 79.1800, 73.0282



14.6909, 14.4935, 16.5725



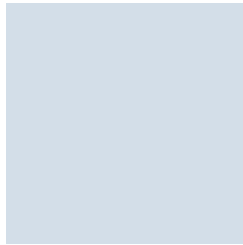
20.4743, 10.3239, 11.3926



1.5599, 0.7817, 1.0888

Previews

White Background



This preview shows how the XYZ color 67.5507, 71.9176, 86.6651 looks on a white background.

Color Contrast Check

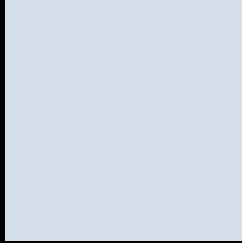
Large Text (above 18pt) WCAG AA × Fail

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 67.5507, 71.9176, 86.6651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

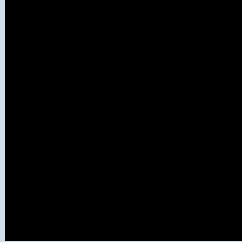
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

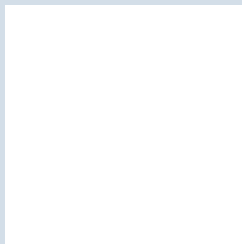
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5507, 71.9176, 86.6651

Background



This preview shows how black text looks on a background with the XYZ color 67.5507, 71.9176, 86.6651.

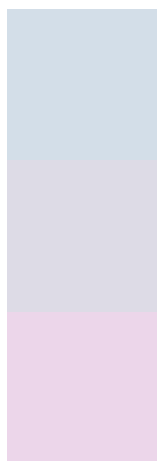


This preview shows how white text looks on a background with the XYZ color 67.5507, 71.9176,

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

67.5507, 71.9176, 86.6651

Protanopia

69.4332, 71.7484, 85.0522

Deuteranopia

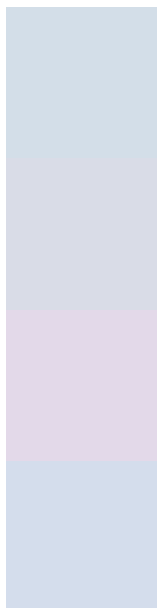
73.4899, 71.8665, 87.8402



Tritanopia

68.4404, 71.8830, 91.1565

Trichromacy



Original Color

67.5507, 71.9176, 86.6651

Protanomaly

68.6323, 71.7076, 85.8250

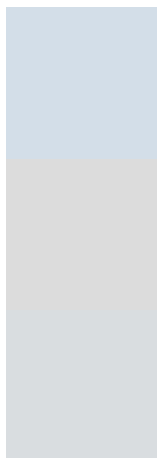
Deuteranomaly

71.1994, 71.8398, 87.2046

Tritanomaly

68.1482, 71.7661, 89.6173

Monochromacy



Original Color

67.5507, 71.9176, 86.6651

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.9263, 71.8464, 80.8087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5507, 71.9176, 86.6651 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(211, 222, 232) looks like.

```
.text, #text, p{  
    color:rgb(211, 222, 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(211, 222, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 222, 232) }
```

Border

The CSS property to change the border of an element to XYZ 67.5507, 71.9176, 86.6651 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(211, 222, 232) }
```


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

```
.border{ border-color:rgb(211, 222, 232) }
```

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

Here you see how a box with a 4 pixel rgb(211, 222, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 222, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 222, 232);  
box-shadow:4px 4px 4px 4px rgb(211, 222,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5507, 71.9176, 86.6651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 222, 232) }
```

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

```
.background{ background-color: rgb(211,  
222, 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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