

Converting Colors

XYZ(67.5303, 73.8077, 91.5760)

Have a look what the booklet for
XYZ(67.5303, 73.8077, 91.5760)
contains.

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Color

**XYZ(67.5303, 73.8077,
91.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	CBE3EE
RGB	203, 227, 238
RGB Percent	80%, 89%, 93%
CMY	0.2039, 0.1098, 0.0667
CMYK	0.15, 0.05, 0.00, 0.07
HSL	199°, 51%, 86%
HSV	199°, 15%, 93%
XYZ	67.5303, 73.8077, 91.5760
YIQ	221.0780, -17.8350, -1.6670

Conversions

Conversions Part 2

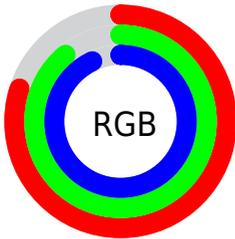
Format	Color
R _Y B	203, 217, 238
Decimal	13362158
CIE Lab	88.83, -5.70, -8.04
CIE LCh	89, 9.858, 234.670
Yxy	73.8077, 0.2899, 0.3169
Android (android.graphics.Color)	4291552238 (0xFFCBE3EE)
YUV	221.0780, 8.3425, -15.8544
Hunter-Lab	85.9114, -10.0358, -3.0613

Details

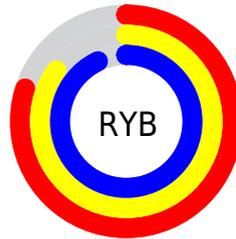
The XYZ color **67.5303, 73.8077, 91.5760** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.0865, 70.5820, 66.4311**, and the grayscale version is **68.7360, 72.3156, 78.7517**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5904, 39.2720, 49.9604** is the 20% darker color. If you saturate the color by 10%, you get **59.5392, 66.7193, 90.6302**, and if you desaturate by 10%, it is **76.6096, 81.5928, 92.6013**.

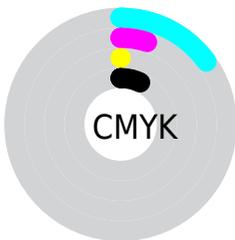
Distribution



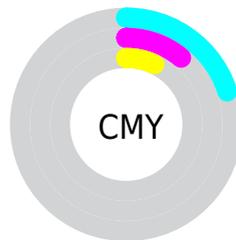
- Red (80%)
- Green (89%)
- Blue (93%)



- Red (80%)
- Yellow (85%)
- Blue (93%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5303, 73.8077, 91.5760 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 67.5303, 73.8077, 91.5760 by changing the saturation by 10% instead.

■ 67.5303, 73.8077,
91.5760

■ 67.5303, 73.8077,
91.5760

441.2329,
473.8094, 553.8461

■ 49.7880, 54.6367,
68.7075

114.7256,
124.6232, 151.4802

■ 35.4621, 39.1109,
50.0032

144.9092,
157.0364, 189.3529

■ 24.1872, 26.8460,
35.0448

179.9707,
194.6325, 233.0641

■ 15.5980, 17.4576,
23.4135

220.2754,
237.7958, 283.0323

■ 9.3292, 10.5613,
14.6910

266.1885,
286.9107, 339.6761

■ 5.0154, 5.7727,
8.4586

318.0756,

■ 2.2911, 2.7073,

342.3617, 403.4140

4.2978

376.3020,
404.5332, 474.6645

■ 0.7901, 0.9809,
1.7901

■ 0.0000, 0.0000,
0.4214

■ 67.5303, 73.8077,
91.5760

■ 67.5303, 73.8077,
91.5760

■ 59.5392, 66.7193,
90.6302

■ 76.6096, 81.5928,
92.6013

■ 52.5834, 60.2929,
89.7563

■ 86.8139, 90.0895,
93.7035

■ 46.6152, 54.5042,
88.9536

■ 90.6843, 95.4561,
94.5354

■ 41.5804, 49.3235,
88.2190

■ 92.4328, 98.9531,
95.1182

■ 37.4193, 44.7183,
87.5494

■ 34.0645, 40.6521,
86.9413

■ 31.4381, 37.0828,
86.3908

■ 29.4449, 33.9595,
85.8930

■ 28.5694, 32.4463,
85.6471

Harmonies

Analogous

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



66.0619, 73.8077, 85.9783



67.5303, 73.8077, 91.5760



69.7264, 73.8077, 94.1802

Triad

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



67.5303, 73.8077, 91.5760



74.8235, 73.8077, 81.5916



68.2530, 73.8077, 68.9975

Complementary

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



67.5303, 73.8077, 91.5760



70.0865, 70.5820, 66.4311

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.



70.5793, 73.8077, 67.9699



67.5303, 73.8077, 91.5760



74.4075, 73.8077, 74.9996

Square

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



67.5303, 73.8077, 91.5760



73.9648, 73.8077, 88.2103



72.8407, 73.8077, 70.1067



66.4725, 73.8077, 72.9974

Rectangle

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



67.5303, 73.8077, 91.5760



71.3212, 73.8077, 93.7675



72.8407, 73.8077, 70.1067



68.9956, 73.8077, 68.3029

Sweetspot

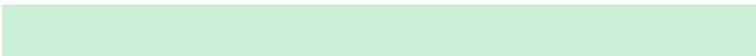
The Sweet Spot groups the original color and five complimentary colors.



67.5325, 73.8108, 91.5777



90.3826, 96.0887, 108.3911



67.2783, 78.6764, 74.9256



19.1628, 20.4127, 23.1800



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.



67.5325, 73.8108, 91.5777



75.7034, 83.4511, 106.7254



63.1092, 64.9642, 90.1032



15.8041, 17.0423, 20.1781



16.0596, 18.3434, 47.8221



1.4246, 1.7032, 4.0079

Inverse Universe

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



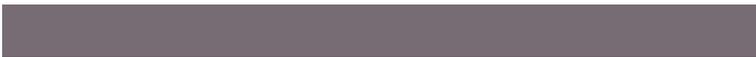
70.4827, 66.4367, 81.7852



79.8792, 73.2357, 92.8150



74.6166, 79.6421, 67.9411



16.2306, 15.9419, 18.7704



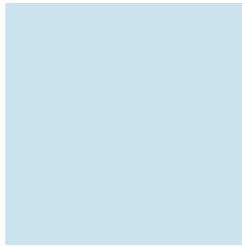
23.4318, 11.6451, 20.7220



1.9940, 0.9867, 1.9594

Previews

White Background



This preview shows how the XYZ color 67.5303, 73.8077, 91.5760 looks on a white background.

Color Contrast Check

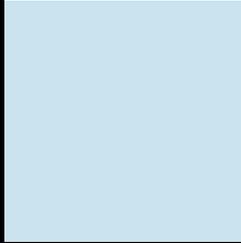
Large Text (above 18pt) WCAG AA × Fail

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 67.5303, 73.8077, 91.5760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

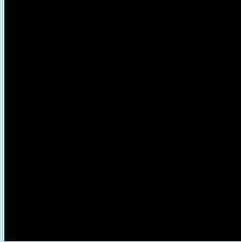
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

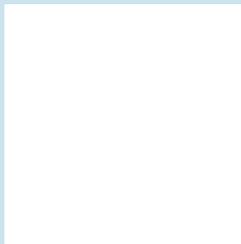
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5303, 73.8077, 91.5760

Background



This preview shows how black text looks on a background with the XYZ color 67.5303, 73.8077, 91.5760.



This preview shows how white text looks on a background with the XYZ color 67.5303, 73.8077,

91.5760.

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





Tritanopia

68.4273, 73.7617, 96.2189

Trichromacy



Original Color

67.5303, 73.8077, 91.5760

Protanomaly

69.8469, 73.4304, 89.8490

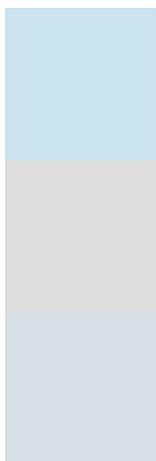
Deuteranomaly

71.9137, 73.2657, 92.0128

Tritanomaly

68.1252, 73.6409, 94.6279

Monochromacy



Original Color

67.5303, 73.8077, 91.5760

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.9844, 72.6175, 83.1065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5303, 73.8077, 91.5760 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(203, 227, 238)` looks like.

```
.text, #text, p{  
    color:rgb(203, 227, 238)  
}
```

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(203, 227, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 227, 238) }
```

Border

The CSS property to change the border of an element to XYZ 67.5303, 73.8077, 91.5760 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(203, 227, 238) }
```


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

```
.border{ border-color:rgb(203, 227, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 227, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 227, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 227, 238);  
box-shadow:4px 4px 4px 4px rgb(203, 227,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5303, 73.8077, 91.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 227, 238) }
```

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

```
.background{ background-color: rgb(203,  
227, 238) }
```

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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