

Converting Colors

XYZ(68.0051, 72.1775, 95.0669)

Have a look what the booklet for
XYZ(68.0051, 72.1775, 95.0669)
contains.

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Color

**XYZ(68.0189, 72.3682,
95.1775)**

Conversions

Conversions Part 1

Format	Color
Hex	CEDFF3
RGB	206, 223, 243
RGB Percent	81%, 87%, 95%
CMY	0.1921, 0.1255, 0.0471
CMYK	0.15, 0.08, 0.00, 0.05
HSL	212°, 61%, 88%
HSV	212°, 15%, 95%
XYZ	68.0189, 72.3682, 95.1775
YIQ	220.1970, -16.5520, 2.6160

Conversions

Conversions Part 2

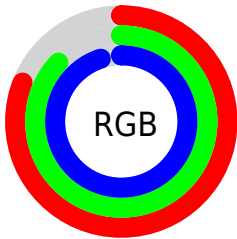
Format	Color
R _{YB}	206, 218, 243
Decimal	13557747
CIE _{Lab}	88.15, -1.67, -11.67
CIE _{LCh}	88, 11.787, 261.854
Yxy	72.3682, 0.2887, 0.3072
Android (android.graphics.Color)	4291747827 (0xFFCEDFF3)
YUV	220.1970, 11.2419, -12.4508
Hunter-Lab	85.0695, -6.1486, -6.7862

Details

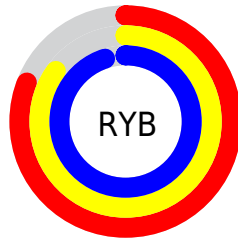
The XYZ color **68.0189, 72.3682, 95.1775** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.2996, 77.9034, 69.4621**, and the grayscale version is **68.0990, 71.6455, 78.0219**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7348, 38.1724, 52.4983** is the 20% darker color. If you saturate the color by 10%, you get **58.4139, 62.4098, 93.7627**, and if you desaturate by 10%, it is **78.9434, 83.4147, 96.7351**.

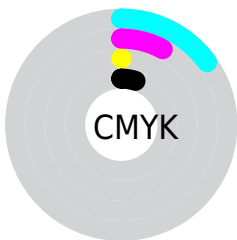
Distribution



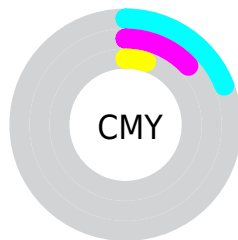
- Red (81%)
- Green (87%)
- Blue (95%)



- Red (81%)
- Yellow (85%)
- Blue (95%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (19%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0189, 72.3682, 95.1775 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 68.0189, 72.3682, 95.1775 by changing the saturation by 10% instead.

■ 68.0189, 72.3682,
95.1775

■ 68.0189, 72.3682,
95.1775

442.9387,
468.8222, 565.7319

■ 50.1868, 53.4595,
71.6850

115.4209,
122.5799, 156.5075

■ 35.7803, 38.1697,
52.4161

145.7216,
154.6516, 195.1821

■ 24.4339, 26.1144,
36.9524

180.9093,
191.8799, 239.7544

■ 15.7823, 16.9093,
24.8751

221.3492,
234.6490, 290.6431

■ 9.4601, 10.1698,
15.7659

267.4067,
283.3434, 348.2667

■ 5.1020, 5.5117,
9.2061

319.4472,

■ 2.3426, 2.5505,

338.3475, 413.0436

4.7772

377.8361,
400.0456, 485.3925

■ 0.8163, 0.9019,
2.0607

■ 0.0000, 0.0000,
0.5922

■ 68.0189, 72.3682,
95.1775

■ 68.0189, 72.3682,
95.1775

■ 58.4139, 62.4098,
93.7627

■ 78.9434, 83.4147,
96.7351

■ 50.0679, 53.4935,
92.4816

■ 91.2314, 95.5751,
98.4346

■ 42.9254, 45.5830,
91.3312

■ 93.1779, 99.2512,
99.0416

■ 36.9235, 38.6364,
90.3067

■ 31.9934, 32.6078,
89.4029

■ 28.0579, 27.4468,
88.6141

■ 25.0279, 23.0963,
87.9341

■ 22.7952, 19.4888,
87.3555

■ 21.9355, 17.9865,
87.1108

Harmonies

Analogous

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



65.4911, 72.3682, 91.6412



68.0189, 72.3682, 95.1775



70.8205, 72.3682, 94.0944

Triad

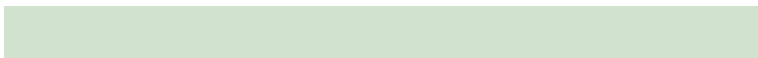
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.0189, 72.3682, 95.1775



73.9363, 72.3682, 73.1604



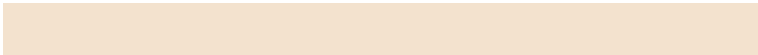
64.6100, 72.3682, 69.5953

Complementary

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



68.0189, 72.3682, 95.1775



75.2996, 77.9034, 69.4621

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.



66.7865, 72.3682, 65.2539



68.0189, 72.3682, 95.1775



72.1851, 72.3682, 67.2122

Square

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



68.0189, 72.3682, 95.1775



74.2881, 72.3682, 81.0160



69.5544, 72.3682, 64.4122



63.5584, 72.3682, 76.6183

Rectangle

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



68.0189, 72.3682, 95.1775



72.4628, 72.3682, 90.9293



69.5544, 72.3682, 64.4122



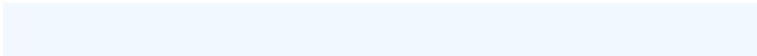
65.2315, 72.3682, 67.7943

Sweetspot

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



68.0211, 72.3712, 95.1791



88.3548, 93.3434, 107.9680



71.1964, 82.7006, 83.9715



18.7168, 19.7845, 23.0823



0.0000, 0.0000, 0.0000



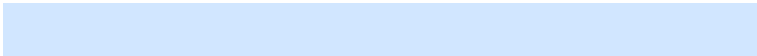
20.3446, 21.4041, 23.3091

Same Dimension

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



68.0211, 72.3712, 95.1791



72.7233, 77.4909, 105.7321



64.0477, 63.9142, 93.7562



16.2086, 17.1816, 21.0047



12.1703, 10.1344, 47.8527



1.1712, 1.0938, 4.2396

Inverse Universe

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



72.3544, 68.5266, 79.2289



78.3750, 72.6340, 84.8939



79.7303, 87.3946, 71.0605



16.8159, 16.6092, 18.7770



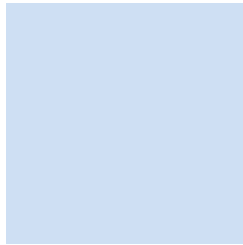
21.9475, 11.1224, 9.6980



1.9802, 0.9981, 1.1223

Previews

White Background



This preview shows how the XYZ color 68.0189, 72.3682, 95.1775 looks on a white background.

Color Contrast Check

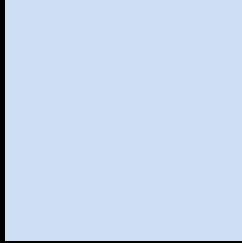
Large Text (above 18pt) WCAG AA × Fail

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 68.0189, 72.3682, 95.1775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

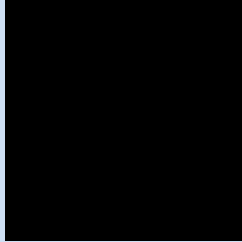
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

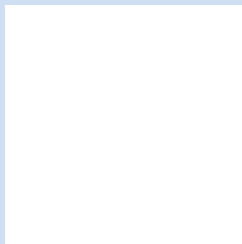
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.0189, 72.3682, 95.1775

Background



This preview shows how black text looks on a background with the XYZ color 68.0189, 72.3682, 95.1775.



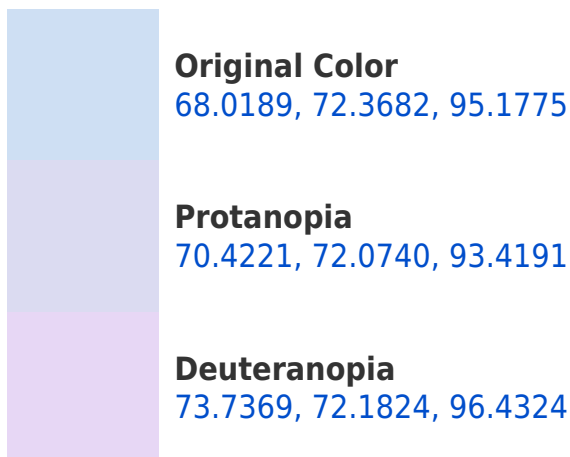
This preview shows how white text looks on a background with the XYZ color 68.0189, 72.3682,

95.1775.

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

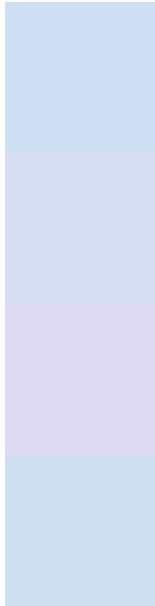




Tritanopia

67.7185, 72.2480, 93.5952

Trichromacy



Original Color

68.0189, 72.3682, 95.1775

Protanomaly

69.3518, 71.8933, 94.2260

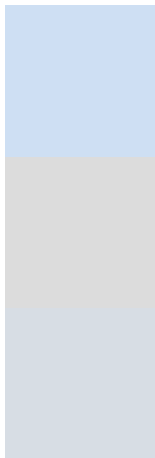
Deuteranomaly

71.5247, 72.2041, 95.7550

Tritanomaly

67.8683, 72.3080, 94.3842

Monochromacy



Original Color

68.0189, 72.3682, 95.1775

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.8844, 71.7614, 83.6722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0189, 72.3682, 95.1775 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(206, 223, 243)` looks like.

```
.text, #text, p{  
    color:rgb(206, 223, 243)  
}
```

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(206, 223, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 223, 243) }
```

Border

The CSS property to change the border of an element to XYZ 68.0189, 72.3682, 95.1775 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(206, 223, 243) }
```


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

```
.border{ border-color:rgb(206, 223, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 223, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 223, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 223, 243);  
box-shadow:4px 4px 4px 4px rgb(206, 223,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0189, 72.3682, 95.1775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 223, 243) }
```

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

```
.background{ background-color: rgb(206,  
223, 243) }
```

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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