

Converting Colors

XYZ(68.2201, 75.2532, 98.1185)

Have a look what the booklet for
XYZ(68.2201, 75.2532, 98.1185)
contains.

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Color

**XYZ(68.2201, 75.2532,
98.1185)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E6F6
RGB	198, 230, 246
RGB Percent	78%, 90%, 96%
CMY	0.2235, 0.0980, 0.0353
CMYK	0.20, 0.07, 0.00, 0.04
HSL	200°, 73%, 87%
HSV	200°, 20%, 96%
XYZ	68.2201, 75.2532, 98.1185
YIQ	222.2560, -24.2080, -1.8080

Conversions

Conversions Part 2

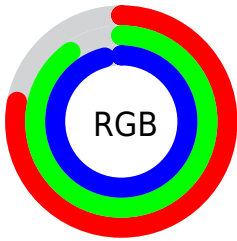
Format	Color
R_{YB}	198, 217, 246
Decimal	13035254
CIE _{Lab}	89.51, -7.12, -11.26
CIE _{LCh}	90, 13.323, 237.710
Yxy	75.2532, 0.2824, 0.3115
Android (android.graphics.Color)	4291225334 (0xFFC6E6F6)
YUV	222.2560, 11.7058, -21.2725
Hunter-Lab	86.7486, -11.4356, -6.3370

Details

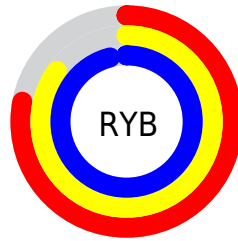
The XYZ color **68.2201, 75.2532, 98.1185** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.2464, 71.7634, 63.4717**, and the grayscale version is **69.5460, 73.1678, 79.6797**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9519, 40.2173, 54.5830** is the 20% darker color. If you saturate the color by 10%, you get **60.0273, 67.7237, 97.0982**, and if you desaturate by 10%, it is **77.5778, 83.5464, 99.2273**.

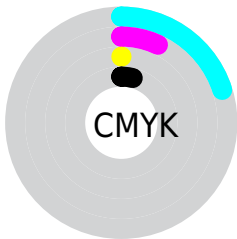
Distribution



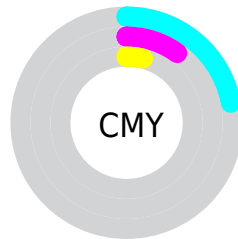
- Red (78%)
- Green (90%)
- Blue (96%)



- Red (78%)
- Yellow (85%)
- Blue (96%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (22%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2201, 75.2532, 98.1185 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 68.2201, 75.2532, 98.1185 by changing the saturation by 10% instead.

■ 68.2201, 75.2532,
98.1185

■ 68.2201, 75.2532,
98.1185

443.6400,
478.7874, 575.3385

■ 50.3511, 55.8203,
74.1220

115.7071,
126.6707, 160.5984

■ 35.9114, 40.0589,
54.3965

146.0559,
159.4242, 199.9190

■ 24.5356, 27.5845,
38.5235

181.2954,
197.3866, 245.1846

■ 15.8583, 18.0127,
26.0842

221.7908,
240.9424, 296.8139

■ 9.5141, 10.9591,
16.6603

267.9077,
290.4760, 355.2254

■ 5.1378, 6.0393,
9.8332

320.0112,

■ 2.3639, 2.8690,

346.3718, 420.8377

5.1844

378.4669,
409.0141, 494.0692

■ 0.8271, 1.0637,
2.2952

■ 0.0000, 0.0000,
0.7285

■ 68.2201, 75.2532,
98.1185

■ 68.2201, 75.2532,
98.1185

■ 60.0273, 67.7237,
97.0982

■ 77.5778, 83.5464,
99.2273

■ 52.9405, 60.9195,
96.1584

■ 88.1424, 92.6214,
100.4221

■ 46.9055, 54.8125,
95.2977

■ 93.5075, 99.1794,
101.4051

■ 41.8604, 49.3686,
94.5128

■ 93.6348, 99.4339,
101.4476

■ 37.7366, 44.5499,
93.8001

■ 34.4559, 40.3139,
93.1553

■ 31.9254, 36.6103,
92.5738

■ 29.9997, 33.3615,
92.0482

■ 29.9129, 33.2102,
92.0236

Harmonies

Analogous

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



66.1038, 75.2532, 90.5975



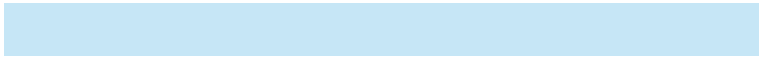
68.2201, 75.2532, 98.1185



71.2750, 75.2532, 101.2750

Triad

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



68.2201, 75.2532, 98.1185



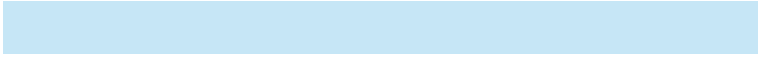
77.9927, 75.2532, 82.6594



68.6425, 75.2532, 67.0107

Complementary

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



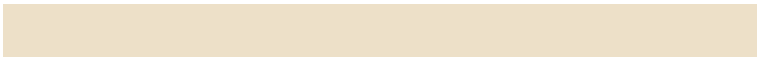
68.2201, 75.2532, 98.1185



72.2464, 71.7634, 63.4717

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.



71.7774, 75.2532, 65.2336



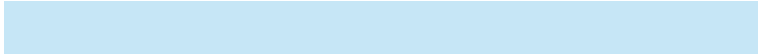
68.2201, 75.2532, 98.1185



77.2367, 75.2532, 73.8485

Square

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



68.2201, 75.2532, 98.1185



76.9726, 75.2532, 91.9364



74.9368, 75.2532, 67.6419



66.3424, 75.2532, 72.6920

Rectangle

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



68.2201, 75.2532, 98.1185



73.4552, 75.2532, 100.3121



74.9368, 75.2532, 67.6419



69.6307, 75.2532, 65.9568

Sweetspot

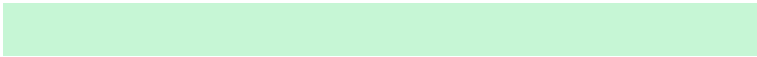
The Sweet Spot groups the original color and five complimentary colors.



68.2223, 75.2563, 98.1202



88.0382, 94.0024, 108.1119



68.2816, 82.7330, 75.4558



18.6867, 19.9847, 23.1225



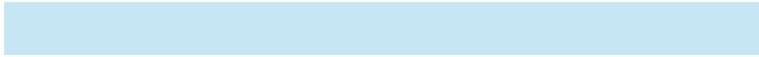
0.0000, 0.0000, 0.0000



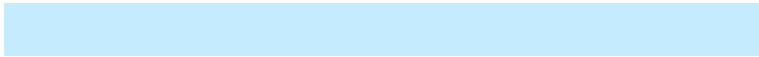
20.3446, 21.4041, 23.3091

Same Dimension

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



68.2223, 75.2563, 98.1202



70.7444, 78.6793, 106.0657



62.1892, 63.1901, 96.1092



16.5043, 17.7729, 21.1032



16.1004, 17.9946, 49.1627



1.5093, 1.7700, 4.3523

Inverse Universe

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



72.4849, 65.6960, 83.7266



76.1200, 66.9223, 87.8464



78.5426, 84.3557, 65.5704



16.9651, 16.6689, 19.5629



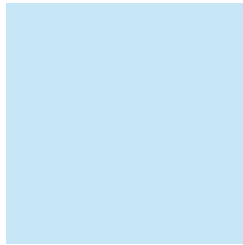
23.9312, 11.9159, 20.1441



2.1509, 1.0663, 2.0209

Previews

White Background



This preview shows how the XYZ color 68.2201, 75.2532, 98.1185 looks on a white background.

Color Contrast Check

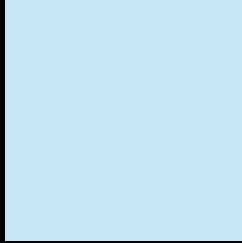
Large Text (above 18pt) WCAG AA × Fail

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 68.2201, 75.2532, 98.1185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

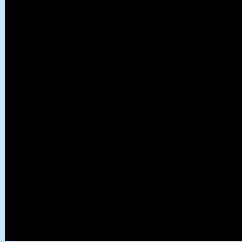
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.2201, 75.2532, 98.1185

Background



This preview shows how black text looks on a background with the XYZ color 68.2201, 75.2532, 98.1185.

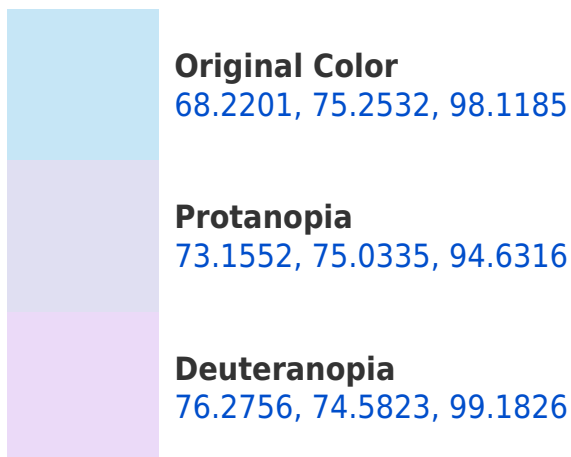


This preview shows how white text looks on a background with the XYZ color 68.2201, 75.2532,

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

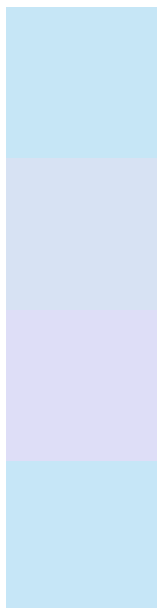




Tritanopia

68.5288, 75.3767, 99.7442

Trichromacy



Original Color

68.2201, 75.2532, 98.1185

Protanomaly

71.3983, 75.3109, 95.5674

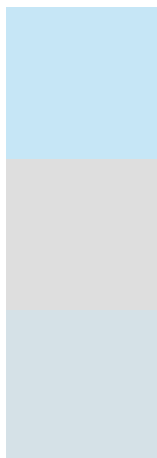
Deuteranomaly

73.0340, 74.4875, 98.5239

Tritanomaly

68.3740, 75.3148, 98.9292

Monochromacy



Original Color

68.2201, 75.2532, 98.1185

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.7896, 73.7661, 86.2140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2201, 75.2532, 98.1185 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(198, 230, 246)` looks like.

```
.text, #text, p{  
    color:rgb(198, 230, 246)  
}
```

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(198, 230, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 230, 246) }
```

Border

The CSS property to change the border of an element to XYZ 68.2201, 75.2532, 98.1185 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(198, 230, 246) }
```


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

```
.border{ border-color:rgb(198, 230, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 230, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 230, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 230, 246);  
box-shadow:4px 4px 4px 4px rgb(198, 230,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2201, 75.2532, 98.1185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 230, 246) }
```

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

```
.background{ background-color: rgb(198,  
230, 246) }
```

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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