

Converting Colors

XYZ(58.7980, 58.6521, 96.5041)

Have a look what the booklet for
XYZ(58.7980, 58.6521, 96.5041)
contains.

| | |
|--|----|
| XYZ(58.6978, 58.6386, 96.2204) | 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(58.6978, 58.6386,
96.2204)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---|
| Hex | BFC7F7 |
| RGB | 191, 199, 247 |
| RGB Percent | 75%, 78%, 97% |
| CMY | 0.2510, 0.2196, 0.0314 |
| CMYK | 0.23, 0.19, 0.00, 0.03 |
| HSL | 231°, 78%, 86% |
| HSV | 231°, 23%, 97% |
| XYZ | 58.6978, 58.6386, 96.2204 |
| YIQ | 202.0800, -20.1760, 13.2320 |

Conversions

Conversions Part 2

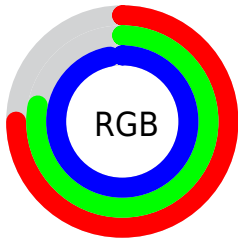
| Format | Color |
|-------------------------------------|--|
| RYB | 191, 198, 247 |
| Decimal | 12568567 |
| CIELab | 81.09, 7.29, -24.52 |
| CIELCh | 81, 25.585, 286.555 |
| Yxy | 58.6386, 0.2749, 0.2746 |
| Android (android.graphics.Color) | 4290758647 (0xFFBFC7F7) |
| YUV | 202.0800, 22.1456, -9.7172 |
| Hunter-Lab | 76.5758, 2.8182, -20.8970 |

Details

The XYZ color **58.6978, 58.6386, 96.2204** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.6290, 85.2691, 61.6063**, and the grayscale version is **56.0657, 58.9854, 64.2351**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **29.8459, 29.3308, 53.3786** is the 20% darker color. If you saturate the color by 10%, you get **48.4654, 46.6297, 94.4427**, and if you desaturate by 10%, it is **70.6591, 72.5475, 98.2756**.

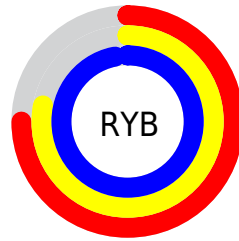
Distribution



Red (75%)

Green (78%)

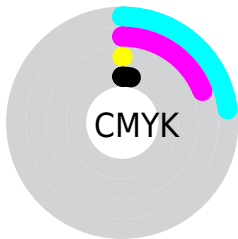
Blue (97%)



Red (75%)

Yellow (78%)

Blue (97%)

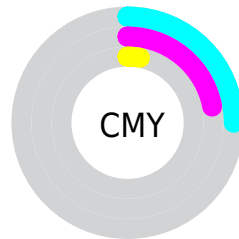


Cyan (23%)

Magenta (19%)

Yellow (0%)

Black (3%)



Cyan (25%)

Magenta (22%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6978, 58.6386, 96.2204 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 58.6978, 58.6386, 96.2204 by changing the saturation by 10% instead.

■ 58.6978, 58.6386,
96.2204

■ 58.6978, 58.6386,
96.2204

409.6932,
419.5613, 569.1485

■ 42.6153, 42.3223,
72.5486

■ 102.0555,
102.8522, 157.9596

■ 29.7766, 29.3537,
53.1174

130.0614,
131.5183, 196.8641

■ 19.8163, 19.3486,
37.5081

162.7725,
165.0697, 241.6834

■ 12.3691, 11.9224,
25.3023

200.5541,
203.8910, 292.8358

■ 7.0695, 6.6909,
16.0814

243.7716,
248.3663, 350.7400

■ 3.5524, 3.2695,
9.4268

292.7904,

■ 1.4521, 1.2740,

298.8802, 415.8144

4.9200

347.9758,
355.8171, 488.4778

■ 0.2929, 0.1210,
2.1425

■ 0.0000, 0.0000,
0.6409

■ 58.6978, 58.6386,
96.2204

■ 58.6978, 58.6386,
96.2204

■ 48.4654, 46.6297,
94.4427

■ 70.6591, 72.5475,
98.2756

■ 39.8759, 36.4310,
92.9269

■ 84.4187, 88.4270,
100.6155

■ 32.8444, 27.9560,
91.6617

■ 93.7887, 99.4955,
102.2581

■ 27.2761, 21.1083,
90.6334

■ 23.0655, 15.7816,
89.8272

■ 20.0927, 11.8568,
89.2263

■ 18.2155, 9.1960,
88.8116

■ 17.3984, 7.9348,
88.6113

Harmonies

Analogous

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



53.3911, 58.6386, 96.7619



58.6978, 58.6386, 96.2204



63.4899, 58.6386, 86.1684

Triad

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



58.6978, 58.6386, 96.2204



63.0631, 58.6386, 44.8643



46.3719, 58.6386, 57.2797

Complementary

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



58.6978, 58.6386, 96.2204



78.6290, 85.2691, 61.6063

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.



48.6373, 58.6386, 45.7581



58.6978, 58.6386, 96.2204



58.1449, 58.6386, 39.3978

Square

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



58.6978, 58.6386, 96.2204



66.1178, 58.6386, 55.8641



52.8721, 58.6386, 39.6965



46.4990, 58.6386, 72.5573

Rectangle

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



58.6978, 58.6386, 96.2204



65.6480, 58.6386, 76.2177



52.8721, 58.6386, 39.6965



46.8724, 58.6386, 52.8938

Sweetspot

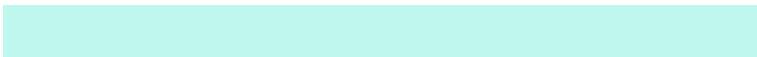
The Sweet Spot groups the original color and five complimentary colors.



58.6997, 58.6410, 96.2217



84.0971, 87.3943, 107.0441



70.2689, 83.8075, 93.8259



17.8079, 18.4841, 22.8792



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.



58.6997, 58.6410, 96.2217



58.0733, 57.1521, 102.5784



62.1703, 57.7686, 95.8704



15.7722, 16.3086, 20.8592



9.2617, 4.3171, 46.8832



0.8713, 0.4941, 4.1397

Inverse Universe

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



67.2989, 61.1610, 62.2935



68.7929, 60.4260, 60.2547



74.4709, 86.6803, 62.0978



16.5956, 16.5211, 17.6169



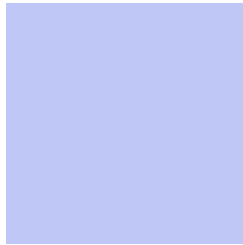
20.4794, 10.5352, 1.9668



1.8289, 0.9375, 0.3252

Previews

White Background



This preview shows how the XYZ color 58.6978, 58.6386, 96.2204 looks on a white background.

Color Contrast Check

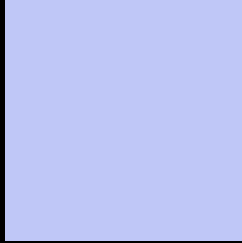
Large Text (above 18pt) WCAG AA × Fail

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 58.6978, 58.6386, 96.2204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

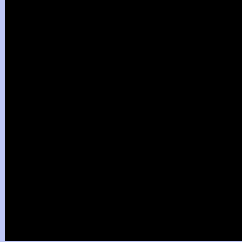
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6978, 58.6386, 96.2204

Background



This preview shows how black text looks on a background with the XYZ color 58.6978, 58.6386, 96.2204.



This preview shows how white text looks on a background with the XYZ color 58.6978, 58.6386,

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

58.6978, 58.6386, 96.2204

Protanopia

58.4471, 58.5094, 96.2086

Deuteranopia

59.7807, 58.5182, 96.1401



Tritanopia

54.7608, 58.7921, 76.1720

Trichromacy



Original Color

58.6978, 58.6386, 96.2204

Protanomaly

58.4471, 58.5094, 96.2086

Deuteranomaly

59.4883, 58.7057, 96.1916

Tritanomaly

56.1425, 58.6456, 83.2236

Monochromacy



Original Color

58.6978, 58.6386, 96.2204

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.8302, 58.8410, 74.6918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6978, 58.6386, 96.2204 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(191, 199, 247)` looks like.

```
.text, #text, p{  
    color:rgb(191, 199, 247)  
}
```

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(191, 199, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 199, 247) }
```

Border

The CSS property to change the border of an element to XYZ 58.6978, 58.6386, 96.2204 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(191, 199, 247) }
```


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

```
.border{ border-color:rgb(191, 199, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 199, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 199, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 199, 247);  
box-shadow:4px 4px 4px 4px rgb(191, 199,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6978, 58.6386, 96.2204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 199, 247) }
```

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

```
.background{ background-color: rgb(191,  
199, 247) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor