

Converting Colors

XYZ(57.7288, 59.0217, 94.5759)

Have a look what the booklet for
XYZ(57.7288, 59.0217, 94.5759)
contains.

XYZ(57.6178, 58.8050, 94.6999)	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(57.6178, 58.8050,
94.6999)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC9F5
RGB	186, 201, 245
RGB Percent	73%, 79%, 96%
CMY	0.2706, 0.2117, 0.0392
CMYK	0.24, 0.18, 0.00, 0.04
HSL	225°, 75%, 85%
HSV	225°, 24%, 96%
XYZ	57.6178, 58.8050, 94.6999
YIQ	201.5310, -23.0640, 10.5040

Conversions

Conversions Part 2

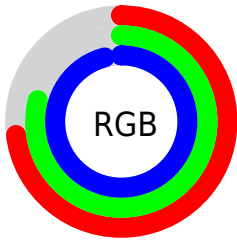
Format	Color
RYB	186, 198, 245
Decimal	12241397
CIELab	81.18, 4.27, -23.35
CIELCh	81, 23.737, 280.356
Yxy	58.8050, 0.2729, 0.2785
Android (android.graphics.Color)	4290431477 (0xFFBAC9F5)
YUV	201.5310, 21.4302, -13.6207
Hunter-Lab	76.6844, -0.0795, -19.5399

Details

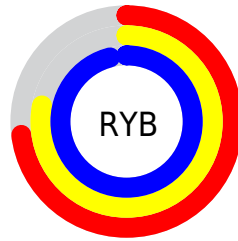
The XYZ color **57.6178, 58.8050, 94.6999** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.8167, 79.5516, 57.8678**, and the grayscale version is **55.7297, 58.6320, 63.8503**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **29.1347, 29.4471, 52.2924** is the 20% darker color. If you saturate the color by 10%, you get **48.1597, 47.9792, 93.1098**, and if you desaturate by 10%, it is **68.6067, 71.1748, 96.5093**.

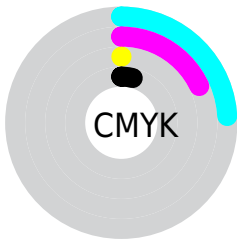
Distribution



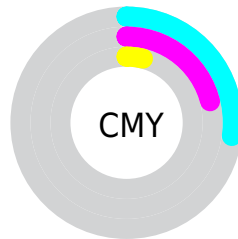
- Red (73%)
- Green (79%)
- Blue (96%)



- Red (73%)
- Yellow (78%)
- Blue (96%)



- Cyan (24%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (27%)
- Magenta (21%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6178, 58.8050, 94.6999 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 57.6178, 58.8050, 94.6999 by changing the saturation by 10% instead.

■ 57.6178, 58.8050,
94.6999

■ 57.6178, 58.8050,
94.6999

405.7371,
420.1789, 564.1636

■ 41.7435, 42.4562,
71.2897

■ 100.4922,
103.0942, 155.8420

■ 29.0908, 29.4586,
52.0954

128.2231,
131.8034, 194.4109

■ 19.2941, 19.4281,
36.6983

160.6369,
165.4014, 238.8699

■ 11.9883, 11.9800,
24.6801

198.0990,
204.2727, 289.6373

■ 6.8078, 6.7301,
15.6220

240.9747,
248.8018, 347.1319

■ 3.3875, 3.2939,
9.1056

289.6294,

■ 1.3618, 1.2870,

299.3729, 411.7721

4.7124

344.4284,
356.3704, 483.9765

■ 0.2288, 0.1311,
2.0237

■ 0.0000, 0.0000,
0.5698

■ 57.6178, 58.8050,
94.6999

■ 57.6178, 58.8050,
94.6999

■ 48.1597, 47.9792,
93.1098

■ 68.6067, 71.1748,
96.5093

■ 40.1571, 38.6282,
91.7267

■ 81.1859, 85.1400,
98.5419

■ 33.5364, 30.6876,
90.5429

■ 93.4816, 99.3726,
100.6410

■ 28.2153, 24.0854,
89.5490

■ 24.1021, 18.7428,
88.7346

■ 21.0921, 14.5715,
88.0881

■ 19.0604, 11.4697,
87.5964

■ 18.2203, 10.0701,
87.3706

Harmonies

Analogous

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



52.7587, 58.8050, 93.2271



57.6178, 58.8050, 94.6999



62.2733, 58.8050, 87.0835

Triad

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



57.6178, 58.8050, 94.6999



63.4499, 58.8050, 47.9755



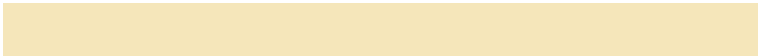
47.4131, 58.8050, 55.3096

Complementary

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



57.6178, 58.8050, 94.6999



74.8167, 79.5516, 57.8678

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.



49.9630, 58.8050, 45.4507



57.6178, 58.8050, 94.6999



59.1478, 58.8050, 41.6684

Square

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



57.6178, 58.8050, 94.6999



65.7696, 58.8050, 59.2607



54.2018, 58.8050, 40.8178



47.0572, 58.8050, 69.0457

Rectangle

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



57.6178, 58.8050, 94.6999



64.5635, 58.8050, 78.4526



54.2018, 58.8050, 40.8178



48.0347, 58.8050, 51.4907

Sweetspot

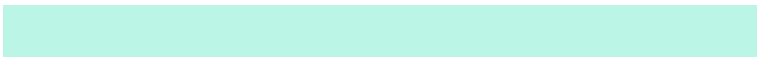
The Sweet Spot groups the original color and five complimentary colors.



57.6197, 58.8074, 94.7012



84.6847, 88.5694, 107.2400



67.0836, 81.4172, 86.5047



17.9436, 18.7554, 22.9244



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.



57.6197, 58.8074, 94.7012



57.7380, 58.2903, 102.8158



57.7990, 53.9593, 93.7560



15.9236, 16.6114, 20.9096



9.9087, 5.6112, 47.0988



0.9500, 0.6513, 4.1659

Inverse Universe

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



65.7592, 58.7490, 63.1347



68.1822, 58.4913, 62.2499



74.5469, 85.8789, 59.1033



16.6720, 16.5517, 18.0193



20.8060, 10.6658, 3.6866



1.8686, 0.9534, 0.5342

Previews

White Background



This preview shows how the XYZ color 57.6178, 58.8050, 94.6999 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 57.6178, 58.8050, 94.6999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

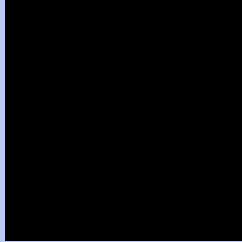
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6178, 58.8050, 94.6999

Background



This preview shows how black text looks on a background with the XYZ color 57.6178, 58.8050, 94.6999.



This preview shows how white text looks on a background with the XYZ color 57.6178, 58.8050,

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

57.6178, 58.8050, 94.6999

Protanopia

58.7216, 59.0467, 93.8901

Deuteranopia

60.1540, 58.7284, 95.3540



Tritanopia

53.9385, 58.7069, 76.8953

Trichromacy



Original Color

57.6178, 58.8050, 94.6999

Protanomaly

58.2186, 58.7874, 93.8666

Deuteranomaly

59.0768, 58.5113, 95.3689

Tritanomaly

55.4042, 58.9662, 83.3244

Monochromacy



Original Color

57.6178, 58.8050, 94.6999

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.5404, 59.0388, 74.7453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6178, 58.8050, 94.6999 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(186, 201, 245)` looks like.

```
.text, #text, p{  
    color:rgb(186, 201, 245)  
}
```

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(186, 201, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 201, 245) }
```

Border

The CSS property to change the border of an element to XYZ 57.6178, 58.8050, 94.6999 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(186, 201, 245) }
```


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

```
.border{ border-color:rgb(186, 201, 245) }
```

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

Here you see how a box with a 4 pixel rgb(186, 201, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 201, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 201, 245);  
box-shadow:4px 4px 4px 4px rgb(186, 201,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6178, 58.8050, 94.6999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 201, 245) }
```

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

```
.background{ background-color: rgb(186,  
201, 245) }
```

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