

Converting Colors

XYZ(41.0374, 35.5139, 58.1187)

Have a look what the booklet for
XYZ(41.0374, 35.5139, 58.1187)
contains.

XYZ(41.1203, 35.5094, 58.1128)	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(41.1203, 35.5094,
58.1128)**

Conversions

Conversions Part 1

Format	Color
Hex	BB93C6
RGB	187, 147, 198
RGB Percent	73%, 58%, 78%
CMY	0.2667, 0.4235, 0.2235
CMYK	0.06, 0.26, 0.00, 0.22
HSL	287°, 31%, 68%
HSV	287°, 26%, 78%
XYZ	41.1203, 35.5094, 58.1128
YIQ	164.7740, 7.4690, 24.3410

Conversions

Conversions Part 2

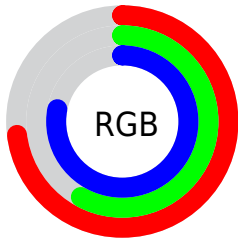
Format	Color
R _Y B	187, 147, 198
Decimal	12293062
CIE Lab	66.14, 24.09, -20.60
CIE LCh	66, 31.703, 319.464
Yxy	35.5094, 0.3052, 0.2635
Android (android.graphics.Color)	4290483142 (0xFFBB93C6)
YUV	164.7740, 16.3804, 19.4922
Hunter-Lab	59.5898, 18.8930, -16.1076

Details

The XYZ color **41.1203, 35.5094, 58.1128** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.5622, 49.7647, 35.1258**, and the grayscale version is **35.5784, 37.4313, 40.7626**.

A 20% lighter version of the original color is **76.2449, 68.2264, 103.7582**, and **18.8898, 15.3659, 28.3559** is the 20% darker color. If you saturate the color by 10%, you get **37.2734, 29.3431, 57.1259**, and if you desaturate by 10%, it is **45.5304, 42.7546, 59.2794**.

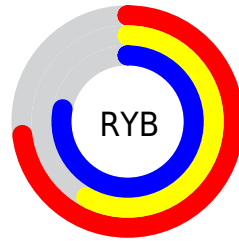
Distribution



Red (73%)

Green (58%)

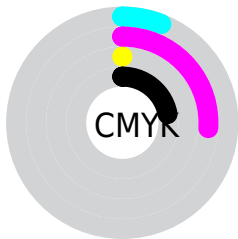
Blue (78%)



Red (73%)

Yellow (58%)

Blue (78%)

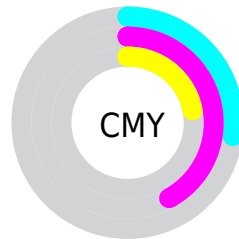


Cyan (6%)

Magenta (26%)

Yellow (0%)

Black (22%)



Cyan (27%)


Magenta (42%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1203, 35.5094, 58.1128 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 41.1203, 35.5094, 58.1128 by changing the saturation by 10% instead.


 41.1203, 35.5094,
58.1128


 41.1203, 35.5094,
58.1128

341.8772,
326.8111, 435.2161

 28.6012, 24.0555,
41.4840


 76.1400, 68.2742,
103.6035

 18.9221, 15.3748,
28.3749

 99.3714, 90.3538,
133.3025

 11.7177, 9.0829,
18.3670


126.9041,
116.7443, 168.1954

 6.6226, 4.7953,
11.0416

159.1037,
147.8298, 208.7006

 3.2714, 2.1276,
5.9803

196.3354,
183.9949, 255.2368

 1.2989, 0.6801,
2.7645

238.9647,

 0.1824, 0.0000,

225.6238, 308.2224

0.9757

287.3568,
273.1011, 368.0760

■ 0.0000, 0.0000,
0.0000

■ 41.1203, 35.5094,
58.1128

■ 41.1203, 35.5094,
58.1128

■ 37.2734, 29.3431,
57.1259

■ 45.5304, 42.7546,
59.2794

■ 33.9590, 24.1966,
56.3072

■ 50.5258, 51.1247,
60.6317

■ 31.1484, 20.0123,
55.6477

■ 56.1315, 60.6684,
62.1783

■ 28.8086, 16.7249,
55.1365

■ 62.3699, 71.4303,
63.9268

■ 26.9027, 14.2606,
54.7612

■ 69.2624, 83.4527,
65.8841

■ 25.3876, 12.5339,
54.5078

■ 73.2850, 89.6874,
66.8755

■ 24.2101, 11.4387,
54.3585

■ 74.5373, 90.3329,
66.9341

■ 23.7676, 11.0751,
54.3116

■ 75.8225, 90.9955,
66.9942

■ 77.1407, 91.6750,
67.0559

Harmonies

Analogous

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



36.8626, 35.5094, 68.6746



41.1203, 35.5094, 58.1128



43.4715, 35.5094, 43.6084

Triad

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



41.1203, 35.5094, 58.1128



35.4357, 35.5094, 18.3427



25.9040, 35.5094, 47.9768

Complementary

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



41.1203, 35.5094, 58.1128



39.5622, 49.7647, 35.1258

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.



25.5990, 35.5094, 34.1077



41.1203, 35.5094, 58.1128



30.8189, 35.5094, 18.9864

Square

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



41.1203, 35.5094, 58.1128



39.9924, 35.5094, 22.0975



27.3187, 35.5094, 24.1247



28.1946, 35.5094, 61.9441

Rectangle

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



41.1203, 35.5094, 58.1128



43.5063, 35.5094, 34.5496



27.3187, 35.5094, 24.1247



25.5745, 35.5094, 43.0920

Sweetspot

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



41.1214, 35.5109, 58.1136



87.2837, 86.8429, 106.7698



34.4624, 34.7525, 58.3182



18.3867, 18.0911, 22.7728



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.



41.1214, 35.5109, 58.1136



68.8088, 56.4196, 101.8712



42.3281, 36.3165, 49.8803



10.8506, 10.6968, 13.4103



15.5310, 7.2408, 35.3234



0.7928, 0.3724, 1.6752

Inverse Universe

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



39.8951, 35.3433, 37.0683



66.3811, 56.1413, 57.7895



38.7007, 49.1812, 41.3812



10.7259, 10.6738, 11.5401



15.4516, 7.9302, 2.3220



0.7593, 0.3866, 0.2557

Previews

White Background



This preview shows how the XYZ color 41.1203, 35.5094, 58.1128 looks on a white background.

Color Contrast Check

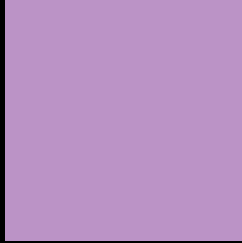
Large Text (above 18pt) WCAG AA × Fail

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 41.1203, 35.5094, 58.1128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

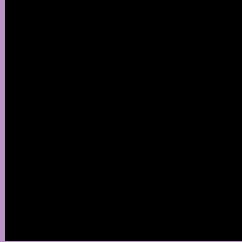
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1203, 35.5094, 58.1128

Background



This preview shows how black text looks on a background with the XYZ color 41.1203, 35.5094, 58.1128.



This preview shows how white text looks on a background with the XYZ color 41.1203, 35.5094,

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

41.1203, 35.5094, 58.1128

Protanopia

36.0550, 35.6908, 64.0202

Deuteranopia

36.4887, 35.8102, 57.2134



Tritanopia

37.4742, 35.4442, 40.4636

Trichromacy



Original Color

41.1203, 35.5094, 58.1128

Protanomaly

37.7247, 35.5889, 62.0078

Deuteranomaly

37.9958, 35.5774, 57.6879

Tritanomaly

38.7696, 35.4979, 46.4034

Monochromacy



Original Color

41.1203, 35.5094, 58.1128

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.3963, 36.5123, 46.6716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1203, 35.5094, 58.1128 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(187, 147, 198)` looks like.

```
.text, #text, p{  
    color:rgb(187, 147, 198)  
}
```

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(187, 147, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 147, 198) }
```

Border

The CSS property to change the border of an element to XYZ 41.1203, 35.5094, 58.1128 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(187, 147, 198) }
```


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

```
.border{ border-color:rgb(187, 147, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 147, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 147, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 147, 198);  
box-shadow:4px 4px 4px 4px rgb(187, 147,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1203, 35.5094, 58.1128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 147, 198) }
```

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

```
.background{ background-color: rgb(187,  
147, 198) }
```

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