

Converting Colors

XYZ(51.6642, 50.9033, 59.7086)

Have a look what the booklet for
XYZ(51.6642, 50.9033, 59.7086)
contains.

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Color

**XYZ(51.8471, 51.0087,
59.9364)**

Conversions

Conversions Part 1

Format	Color
Hex	CBB8C5
RGB	203, 184, 197
RGB Percent	80%, 72%, 77%
CMY	0.2039, 0.2784, 0.2274
CMYK	0.00, 0.09, 0.03, 0.20
HSL	319°, 15%, 76%
HSV	319°, 9%, 80%
XYZ	51.8471, 51.0087, 59.9364
YIQ	191.1630, 7.1510, 8.0710

Conversions

Conversions Part 2

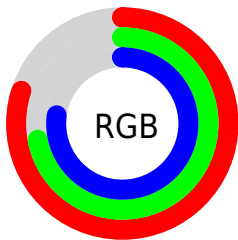
Format	Color
R _Y B	203, 184, 197
Decimal	13351109
CIE Lab	76.68, 9.04, -4.11
CIE LCh	77, 9.927, 335.542
Yxy	51.0087, 0.3185, 0.3133
Android (android.graphics.Color)	4291541189 (0xFFCBB8C5)
YUV	191.1630, 2.8776, 10.3810
Hunter-Lab	71.4204, 4.5951, 0.2377

Details

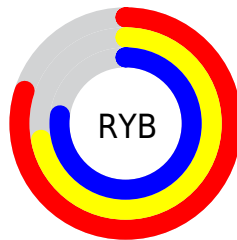
The XYZ color **51.8471, 51.0087, 59.9364** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4193, 56.6212, 56.9894**, and the grayscale version is **49.5979, 52.1809, 56.8250**.

A 20% lighter version of the original color is **90.2895, 90.7359, 106.5210**, and **25.4687, 24.6053, 29.3936** is the 20% darker color. If you saturate the color by 10%, you get **47.2104, 42.8856, 54.8434**, and if you desaturate by 10%, it is **57.1231, 60.3590, 65.3979**.

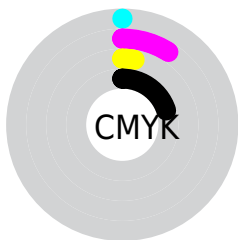
Distribution



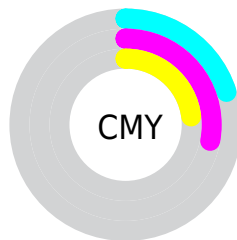
- Red (80%)
- Green (72%)
- Blue (77%)



- Red (80%)
- Yellow (72%)
- Blue (77%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (20%)



- Cyan (20%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8471, 51.0087, 59.9364 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 51.8471, 51.0087, 59.9364 by changing the saturation by 10% instead.

■ 51.8471, 51.0087,
59.9364

■ 51.8471, 51.0087,
59.9364

384.1797,
390.5976, 442.1614

■ 37.1070, 36.2155,
42.9424

■ 92.0813, 91.6676,
106.2799

■ 25.4644, 24.6007,
29.5089

118.3060,
118.3022, 136.4664

■ 16.5540, 15.7798,
19.2172

149.0897,
149.6527, 171.8876

■ 10.0103, 9.3685,
11.6489

184.7977,
186.1034, 212.9619

■ 5.4681, 4.9823,
6.3855

225.7954,
228.0389, 260.1079

■ 2.5620, 2.2369,
3.0083

272.4480,

■ 0.9266, 0.7400,

275.8435, 313.7441

1.0989

325.1210,
329.9016, 374.2891

■ 0.0000, 0.0000,
0.0000

■ 51.8471, 51.0087,
59.9364

■ 51.8471, 51.0087,
59.9364

■ 47.2104, 42.8856,
54.8434

■ 57.1231, 60.3590,
65.3979

■ 43.1826, 35.9315,
50.1050

■ 63.0584, 70.9782,
71.2347

■ 39.7373, 30.0935,
45.7111

■ 69.6778, 82.9142,
77.4574

■ 36.8443, 25.3121,
41.6497

■ 73.6607, 89.5254,
82.9608

■ 34.4708, 21.5221,
37.9079

■ 74.5400, 89.8771,
87.5912

■ 32.5801, 18.6511,
34.4714

■ 75.4523, 90.2420,
92.3957

■ 31.1308, 16.6167,
31.3242

■ 76.3982, 90.6204,
97.3763

■ 30.0740, 15.3217,
28.4480

■ 77.3777, 91.0122,
102.5347

■ 29.3250, 14.5978,
25.8124

■ 78.3914, 91.4177,
107.8726

Harmonies

Analogous

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



50.6137, 51.0087, 64.3950



51.8471, 51.0087, 59.9364



52.1692, 51.0087, 54.5461

Triad

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



51.8471, 51.0087, 59.9364



48.1340, 51.0087, 45.8613



45.6005, 51.0087, 61.7767

Complementary

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



51.8471, 51.0087, 59.9364



50.4193, 56.6212, 56.9894

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.



44.9732, 51.0087, 56.5455



51.8471, 51.0087, 59.9364



46.4115, 51.0087, 47.5361

Square

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



51.8471, 51.0087, 59.9364



49.9940, 51.0087, 46.6406



45.2662, 51.0087, 51.3636



47.0012, 51.0087, 65.5046

Rectangle

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



51.8471, 51.0087, 59.9364



51.8169, 51.0087, 51.1952



45.2662, 51.0087, 51.3636



45.2938, 51.0087, 60.1235

Sweetspot

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



51.8486, 51.0109, 59.9375



92.2713, 95.0612, 106.0667



49.0824, 49.5039, 63.4688



19.5946, 20.0715, 22.5427



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.



51.8486, 51.0109, 59.9375



85.3516, 82.8333, 98.7920



50.8264, 50.6020, 54.5546



11.5309, 11.3411, 13.3302



18.6767, 9.2813, 16.5482



0.9969, 0.4922, 1.0297

Inverse Universe

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



51.8486, 51.0109, 59.9375



85.3516, 82.8333, 98.7920



51.4568, 57.0362, 62.4528



11.5309, 11.3411, 13.3302



18.6767, 9.2813, 16.5482



0.9969, 0.4922, 1.0297

Previews

White Background



This preview shows how the XYZ color 51.8471, 51.0087, 59.9364 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 51.8471, 51.0087, 59.9364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

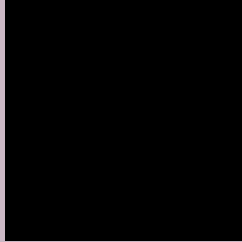
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8471, 51.0087, 59.9364

Background



This preview shows how black text looks on a background with the XYZ color 51.8471, 51.0087, 59.9364.



This preview shows how white text looks on a background with the XYZ color 51.8471, 51.0087,

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

51.8471, 51.0087, 59.9364

Protanopia

49.6438, 51.0837, 61.8872

Deuteranopia

52.1204, 51.1496, 59.9491



Tritanopia

51.9621, 51.0547, 60.5419

Trichromacy



Original Color

51.8471, 51.0087, 59.9364

Protanomaly

50.5848, 51.2663, 61.2621

Deuteranomaly

52.1204, 51.1496, 59.9491

Tritanomaly

51.9621, 51.0547, 60.5419

Monochromacy



Original Color

51.8471, 51.0087, 59.9364

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.1145, 51.4188, 57.7356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8471, 51.0087, 59.9364 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(203, 184, 197)` looks like.

```
.text, #text, p{  
    color:rgb(203, 184, 197)  
}
```

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(203, 184, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 184, 197) }
```

Border

The CSS property to change the border of an element to XYZ 51.8471, 51.0087, 59.9364 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(203, 184, 197) }
```


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

```
.border{ border-color:rgb(203, 184, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 184, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 184, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 184, 197);  
box-shadow:4px 4px 4px 4px rgb(203, 184,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8471, 51.0087, 59.9364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 184, 197) }
```

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

```
.background{ background-color: rgb(203,  
184, 197) }
```

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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