

Converting Colors

XYZ(52.3685, 51.1547, 65.5063)

Have a look what the booklet for
XYZ(52.3685, 51.1547, 65.5063)
contains.

XYZ(52.3685, 51.1547, 65.5063)	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(52.3685, 51.1547,
65.5063)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B8CE
RGB	201, 184, 206
RGB Percent	79%, 72%, 81%
CMY	0.2118, 0.2784, 0.1922
CMYK	0.02, 0.11, 0.00, 0.19
HSL	286°, 18%, 76%
HSV	286°, 11%, 81%
XYZ	52.3685, 51.1547, 65.5063
YIQ	191.5910, 3.0700, 10.4460

Conversions

Conversions Part 2

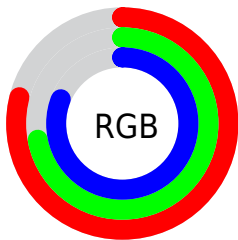
Format	Color
R _Y B	201, 184, 206
Decimal	13220046
CIE Lab	76.77, 10.02, -8.89
CIE LCh	77, 13.393, 318.436
Yxy	51.1547, 0.3098, 0.3026
Android (android.graphics.Color)	4291410126 (0xFFC9B8CE)
YUV	191.5910, 7.1036, 8.2517
Hunter-Lab	71.5225, 5.5326, -4.2370

Details

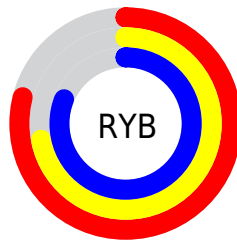
The XYZ color **52.3685, 51.1547, 65.5063** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7111, 58.4235, 53.9013**, and the grayscale version is **49.8245, 52.4193, 57.0846**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **25.8164, 24.7026, 33.1132** is the 20% darker color. If you saturate the color by 10%, you get **47.1580, 42.5732, 64.1253**, and if you desaturate by 10%, it is **58.2435, 61.0066, 67.0990**.

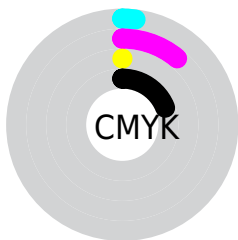
Distribution



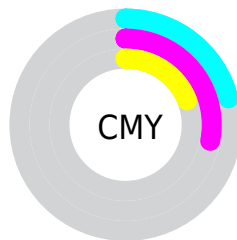
- Red (79%)
- Green (72%)
- Blue (81%)



- Red (79%)
- Yellow (72%)
- Blue (81%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)



- Cyan (21%)
- Magenta (28%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3685, 51.1547, 65.5063 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 52.3685, 51.1547, 65.5063 by changing the saturation by 10% instead.

■ 52.3685, 51.1547,
65.5063

■ 52.3685, 51.1547,
65.5063

386.1582,
391.1645, 462.9651

■ 37.5243, 36.3317,
47.4178

■ 92.8455, 91.8834,
114.3977

■ 25.7893, 24.6905,
33.0093

119.2090,
118.5579, 146.0376

■ 16.7979, 15.8466,
21.8624

150.1431,
149.9518, 183.0318

■ 10.1849, 9.4157,
13.5585

186.0129,
186.4493, 225.7988

■ 5.5849, 5.0133,
7.6790

227.1841,
228.4350, 274.7570

■ 2.6326, 2.2551,
3.8054

274.0217,

■ 0.9626, 0.7498,

276.2932, 330.3251

1.5192

326.8913,
330.4082, 392.9217

■ 0.0000, 0.0000,
0.2322

■ 0.0000, 0.0000,
0.0000

■ 52.3685, 51.1547,
65.5063

■ 52.3685, 51.1547,
65.5063

■ 47.1580, 42.5732,
64.1253

■ 58.2435, 61.0066,
67.0990

■ 42.5803, 35.2017,
62.9437

■ 64.8040, 72.1730,
68.9086

■ 38.6079, 28.9847,
61.9531

■ 72.0757, 84.7036,
70.9440

■ 35.2092, 23.8597,
61.1430

■ 76.3344, 91.1499,
71.9638

■ 32.3497, 19.7584,
60.5021

■ 77.7693, 91.8896,
72.0309

■ 29.9912, 16.6043,
60.0176

■ 79.2441, 92.6499,
72.1000

■ 28.0896, 14.3104,
59.6750

■ 80.7593, 93.4310,
72.1709

■ 26.5930, 12.7730,
59.4572

■ 82.3151, 94.2330,
72.2437

■ 25.4744, 11.8456,
59.3371

■ 83.9117, 95.0562,
72.3184

Harmonies

Analogous

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



50.1823, 51.1547, 70.0537



52.3685, 51.1547, 65.5063



53.5658, 51.1547, 58.5508

Triad

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



52.3685, 51.1547, 65.5063



49.6069, 51.1547, 43.0856



44.1322, 51.1547, 60.2414

Complementary

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



52.3685, 51.1547, 65.5063



51.7111, 58.4235, 53.9013

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.



43.9903, 51.1547, 52.9409



52.3685, 51.1547, 65.5063



47.0924, 51.1547, 43.4524

Square

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



52.3685, 51.1547, 65.5063



51.9347, 51.1547, 45.8728



45.0567, 51.1547, 46.9225



45.4514, 51.1547, 66.8363

Rectangle

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



52.3685, 51.1547, 65.5063



53.6152, 51.1547, 53.6715



45.0567, 51.1547, 46.9225



43.9470, 51.1547, 57.7765

Sweetspot

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



52.3700, 51.1569, 65.5074



92.0211, 94.8875, 108.0728



49.1361, 51.1014, 65.6672



19.5267, 20.0245, 23.0859



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.



52.3700, 51.1569, 65.5074



82.6535, 79.2418, 105.5466



53.0366, 51.5813, 61.8875



11.4285, 11.2702, 14.1434



15.7736, 7.3391, 36.5415



0.8765, 0.4109, 1.8881

Inverse Universe

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



51.7812, 51.0792, 55.2766



81.5181, 79.1016, 85.3823



51.1200, 58.0462, 57.1507



11.3150, 11.2547, 12.1936



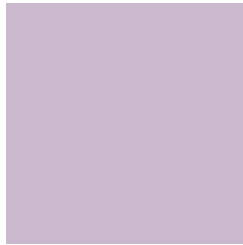
16.0181, 8.2178, 2.5482



0.8562, 0.4359, 0.2887

Previews

White Background



This preview shows how the XYZ color 52.3685, 51.1547, 65.5063 looks on a white background.

Color Contrast Check

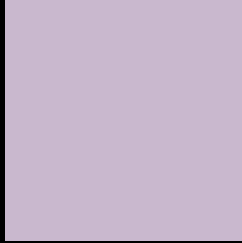
Large Text (above 18pt) WCAG AA × Fail

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 52.3685, 51.1547, 65.5063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

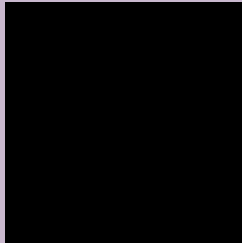
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3685, 51.1547, 65.5063

Background



This preview shows how black text looks on a background with the XYZ color 52.3685, 51.1547, 65.5063.



This preview shows how white text looks on a background with the XYZ color 52.3685, 51.1547,

65.5063.

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

52.3685, 51.1547, 65.5063

Protanopia

49.9854, 51.1347, 67.5571

Deuteranopia

52.1005, 51.0166, 65.4937



Tritanopia

51.5937, 51.1474, 61.7967

Trichromacy



Original Color

52.3685, 51.1547, 65.5063

Protanomaly

50.8937, 51.3012, 66.8942

Deuteranomaly

52.1005, 51.0166, 65.4937

Tritanomaly

51.8290, 51.2416, 63.0360

Monochromacy



Original Color

52.3685, 51.1547, 65.5063

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.7813, 52.0285, 60.1894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3685, 51.1547, 65.5063 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(201, 184, 206) looks like.

```
.text, #text, p{  
    color:rgb(201, 184, 206)  
}
```

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(201, 184, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 184, 206) }
```

Border

The CSS property to change the border of an element to XYZ 52.3685, 51.1547, 65.5063 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(201, 184, 206) }
```


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

```
.border{ border-color:rgb(201, 184, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 184, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 184, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 184, 206);  
box-shadow:4px 4px 4px 4px rgb(201, 184,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3685, 51.1547, 65.5063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 184, 206) }
```

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

```
.background{ background-color: rgb(201,  
184, 206) }
```

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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