

Converting Colors

XYZ(52.1450, 51.5317, 65.9857)

Have a look what the booklet for
XYZ(52.1450, 51.5317, 65.9857)
contains.

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Color

**XYZ(52.3746, 51.7649,
66.2627)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BACF
RGB	199, 186, 207
RGB Percent	78%, 73%, 81%
CMY	0.2196, 0.2706, 0.1882
CMYK	0.04, 0.10, 0.00, 0.19
HSL	277°, 18%, 77%
HSV	277°, 10%, 81%
XYZ	52.3746, 51.7649, 66.2627
YIQ	192.2810, 1.0070, 9.2870

Conversions

Conversions Part 2

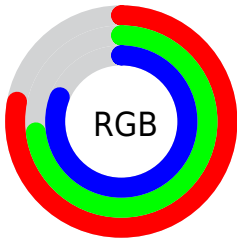
Format	Color
R_{YB}	199, 186, 207
Decimal	13089487
CIE _{Lab}	77.14, 8.45, -8.90
CIE _{LCh}	77, 12.274, 313.525
Yxy	51.7649, 0.3074, 0.3038
Android (android.graphics.Color)	4291279567 (0xFFC7BACF)
YUV	192.2810, 7.2565, 5.8926
Hunter-Lab	71.9478, 4.0308, -4.2416

Details

The XYZ color **52.3746, 51.7649, 66.2627** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4257, 59.6415, 55.1530**, and the grayscale version is **50.2269, 52.8426, 57.5456**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **25.8144, 25.0947, 33.6202** is the 20% darker color. If you saturate the color by 10%, you get **46.2875, 42.6166, 64.8185**, and if you desaturate by 10%, it is **59.2049, 62.2370, 67.9248**.

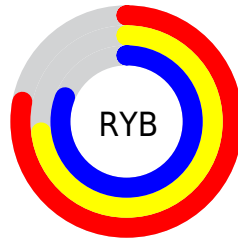
Distribution



Red (78%)

Green (73%)

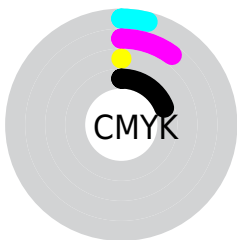
Blue (81%)



Red (78%)

Yellow (73%)

Blue (81%)

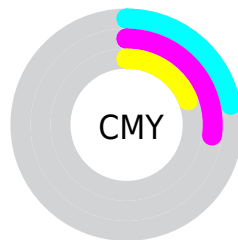


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (19%)



Cyan (22%)

Magenta (27%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3746, 51.7649, 66.2627 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 52.3746, 51.7649, 66.2627 by changing the saturation by 10% instead.

■ 52.3746, 51.7649,
66.2627

■ 52.3746, 51.7649,
66.2627

386.1813,
393.5283, 465.7456

■ 37.5292, 36.8177,
48.0279

■ 92.8544, 92.7844,
115.4939

■ 25.7931, 25.0664,
33.4888

119.2196,
119.6256, 147.3273

■ 16.8008, 16.1265,
22.2270

150.1554,
151.2001, 184.5307

■ 10.1870, 9.6137,
13.8239

186.0271,
187.8925, 227.5226

■ 5.5863, 5.1436,
7.8609

227.2003,
230.0871, 276.7214

■ 2.6335, 2.3318,
3.9196

274.0401,

■ 0.9630, 0.7904,

278.1684, 332.5459

1.5813

326.9120,
332.5206, 395.4144

■ 0.0000, 0.0000,
0.2774

■ 0.0000, 0.0000,
0.0000

■ 52.3746, 51.7649,
66.2627

■ 52.3746, 51.7649,
66.2627

■ 46.2875, 42.6166,
64.8185

■ 59.2049, 62.2370,
67.9248

■ 40.9105, 34.7304,
63.5797

■ 66.8008, 74.0779,
69.8100

■ 36.2143, 28.0499,
62.5378

■ 75.1895, 87.3386,
71.9274

■ 32.1659, 22.5113,
61.6821

■ 79.8320, 92.9389,
72.7637

■ 28.7292, 18.0451,
61.0012

■ 82.4287, 94.2775,
72.8852

■ 25.8641, 14.5738,
60.4821

■ 85.1415, 95.6760,
73.0122

■ 23.5251, 12.0090,
60.1104

■ 87.9718, 97.1351,
73.1446

■ 21.6585, 10.2463,
59.8685

■ 88.2626, 97.2851,
73.1583

■ 20.1851, 9.1047,
59.7258

Harmonies

Analogous

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



50.2639, 51.7649, 69.8854



52.3746, 51.7649, 66.2627



53.6564, 51.7649, 60.1082

Triad

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



52.3746, 51.7649, 66.2627



50.4918, 51.7649, 44.8561



44.9427, 51.7649, 59.4401

Complementary

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



52.3746, 51.7649, 66.2627



53.4257, 59.6415, 55.1530

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.



44.9993, 51.7649, 52.7770



52.3746, 51.7649, 66.2627



48.1531, 51.7649, 44.7085

Square

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



52.3746, 51.7649, 66.2627



52.5460, 51.7649, 47.9231



46.1582, 51.7649, 47.5023



46.0010, 51.7649, 65.7402

Rectangle

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



52.3746, 51.7649, 66.2627



53.8439, 51.7649, 55.5722



46.1582, 51.7649, 47.5023



44.8330, 51.7649, 57.1616

Sweetspot

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



52.3761, 51.7671, 66.2638



91.5937, 94.6672, 108.0528



50.8171, 53.5520, 66.6905



19.4112, 19.9649, 23.0805



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.



52.3761, 51.7671, 66.2638



81.8934, 79.8621, 105.7064



54.2577, 52.7715, 64.8005



11.8563, 11.7748, 14.8915



12.8256, 5.7921, 37.6345



0.8040, 0.3686, 2.1083

Inverse Universe

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



53.0304, 52.2805, 58.3375



83.1521, 80.8461, 90.6236



51.6901, 58.7164, 56.4431



11.9924, 11.8817, 13.2360



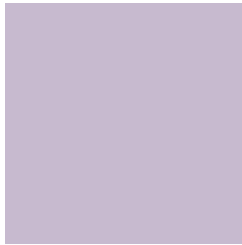
17.1413, 8.7293, 5.6501



0.9967, 0.5034, 0.5172

Previews

White Background



This preview shows how the XYZ color 52.3746, 51.7649, 66.2627 looks on a white background.

Color Contrast Check

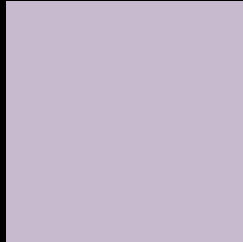
Large Text (above 18pt) WCAG AA × Fail

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 52.3746, 51.7649, 66.2627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

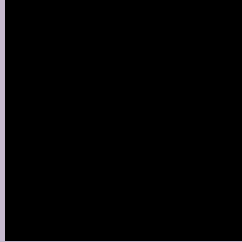
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3746, 51.7649, 66.2627

Background



This preview shows how black text looks on a background with the XYZ color 52.3746, 51.7649, 66.2627.



This preview shows how white text looks on a background with the XYZ color 52.3746, 51.7649,

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

52.3746, 51.7649, 66.2627

Protanopia

50.4453, 51.6900, 67.6400

Deuteranopia

52.6988, 51.6204, 66.2177



Tritanopia

51.7197, 51.8107, 63.1517

Trichromacy



Original Color

52.3746, 51.7649, 66.2627

Protanomaly

51.1066, 51.7270, 66.9652

Deuteranomaly

52.4309, 51.4823, 66.2052

Tritanomaly

51.9581, 51.9060, 64.4071

Monochromacy



Original Color

52.3746, 51.7649, 66.2627

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.9972, 52.4602, 60.2613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3746, 51.7649, 66.2627 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(199, 186, 207)` looks like.

```
.text, #text, p{  
    color:rgb(199, 186, 207)  
}
```

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(199, 186, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 186, 207) }
```

Border

The CSS property to change the border of an element to XYZ 52.3746, 51.7649, 66.2627 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(199, 186, 207) }
```


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

```
.border{ border-color:rgb(199, 186, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 186, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 186, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 186, 207);  
box-shadow:4px 4px 4px 4px rgb(199, 186,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3746, 51.7649, 66.2627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 186, 207) }
```

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

```
.background{ background-color: rgb(199,  
186, 207) }
```

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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