

Converting Colors

XYZ(51.7909, 52.7184, 67.1205)

Have a look what the booklet for
XYZ(51.7909, 52.7184, 67.1205)
contains.

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Color

**XYZ(51.7909, 52.7184,
67.1205)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BED0
RGB	193, 190, 208
RGB Percent	76%, 75%, 82%
CMY	0.2431, 0.2549, 0.1843
CMYK	0.07, 0.09, 0.00, 0.18
HSL	250°, 16%, 78%
HSV	250°, 9%, 82%
XYZ	51.7909, 52.7184, 67.1205
YIQ	192.9490, -3.9900, 6.2340

Conversions

Conversions Part 2

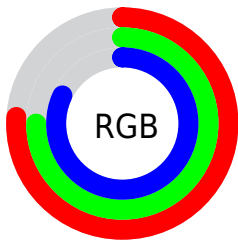
Format	Color
R_{YB}	193, 190, 208
Decimal	12697296
CIE _{Lab}	77.71, 4.47, -8.65
CIE _{LCh}	78, 9.737, 297.357
Yxy	52.7184, 0.3018, 0.3072
Android (android.graphics.Color)	4290887376 (0xFFC1BED0)
YUV	192.9490, 7.4201, 0.0447
Hunter-Lab	72.6074, 0.2611, -3.9843

Details

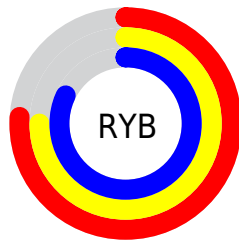
The XYZ color **51.7909, 52.7184, 67.1205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0289, 61.8100, 57.6425**, and the grayscale version is **50.6193, 53.2555, 57.9952**.

A 20% lighter version of the original color is **90.0727, 93.2713, 107.8636**, and **25.4259, 25.7134, 34.1949** is the 20% darker color. If you saturate the color by 10%, you get **43.4402, 42.1973, 65.5307**, and if you desaturate by 10%, it is **61.3057, 64.7969, 68.9512**.

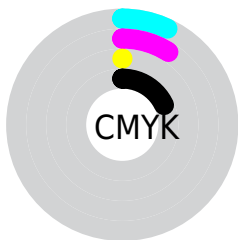
Distribution



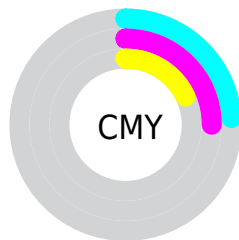
- Red (76%)
- Green (75%)
- Blue (82%)



- Red (76%)
- Yellow (75%)
- Blue (82%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7909, 52.7184, 67.1205 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 51.7909, 52.7184, 67.1205 by changing the saturation by 10% instead.

■ 51.7909, 52.7184,
67.1205

■ 51.7909, 52.7184,
67.1205

383.9661,
397.2038, 468.8867

■ 37.0620, 37.5780,
48.7203

■ 91.9988, 94.1899,
116.7353

■ 25.4294, 25.6553,
34.0337

118.2086,
121.2897, 148.7871

■ 16.5277, 16.5660,
22.6419

148.9761,
153.1449, 186.2265

■ 9.9915, 9.9255,
14.1265

184.6666,
190.1397, 229.4721

■ 5.4556, 5.3496,
8.0689

225.6455,
232.6587, 278.9423

■ 2.5544, 2.4538,
4.0507

272.2781,

■ 0.9228, 0.8534,

281.0860, 335.0558

1.6532

324.9299,
335.8063, 398.2311

■ 0.0000, 0.0000,
0.3284

■ 0.0000, 0.0000,
0.0000

■ 51.7909, 52.7184,
67.1205

■ 51.7909, 52.7184,
67.1205

■ 43.4402, 42.1973,
65.5307

■ 61.3057, 64.7969,
68.9512

■ 36.2041, 33.1635,
64.1683

■ 72.0223, 78.4858,
71.0286

■ 30.0362, 25.5515,
63.0242

■ 83.9827, 93.8438,
73.3626

■ 24.8852, 19.2882,
62.0867

■ 88.3853, 97.3341,
73.8043

■ 20.6954, 14.2942,
61.3436

■ 17.4056, 10.4812,
60.7810

■ 14.9474, 7.7499,
60.3834

■ 13.2419, 5.9841,
60.1324

■ 12.1778, 5.0078,
60.0001

Harmonies

Analogous

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



49.9403, 52.7184, 68.4045



51.7909, 52.7184, 67.1205



53.2208, 52.7184, 63.1831

Triad

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



51.7909, 52.7184, 67.1205



52.0874, 52.7184, 49.0989



46.5740, 52.7184, 56.9241

Complementary

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



51.7909, 52.7184, 67.1205



57.0289, 61.8100, 57.6425

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.



47.1176, 52.7184, 51.9836



51.7909, 52.7184, 67.1205



50.2746, 52.7184, 47.6464

Square

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



51.7909, 52.7184, 67.1205



53.3950, 52.7184, 52.7634



48.4605, 52.7184, 48.6689



46.9574, 52.7184, 62.3035

Rectangle

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



51.7909, 52.7184, 67.1205



53.7268, 52.7184, 59.7029



48.4605, 52.7184, 48.6689



46.6541, 52.7184, 55.1598

Sweetspot

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



51.7925, 52.7206, 67.1217



90.3509, 94.0265, 107.9947



54.5252, 59.3090, 68.2493



19.0763, 19.7922, 23.0648



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.



51.7925, 52.7206, 67.1217



80.0564, 80.9853, 106.0200



54.0764, 53.8981, 67.2285



11.3445, 11.5109, 14.8676



7.5755, 3.0856, 37.3888



0.4818, 0.2025, 2.0933

Inverse Universe

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



55.4472, 54.6469, 65.3858



86.7716, 84.5252, 102.8048



54.6949, 60.6067, 57.5333



12.2227, 11.9738, 14.4487



20.9661, 10.2593, 25.7916



1.1953, 0.5828, 1.5633

Previews

White Background



This preview shows how the XYZ color 51.7909, 52.7184, 67.1205 looks on a white background.

Color Contrast Check

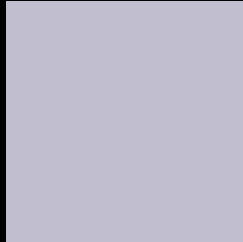
Large Text (above 18pt) WCAG AA × Fail

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 51.7909, 52.7184, 67.1205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

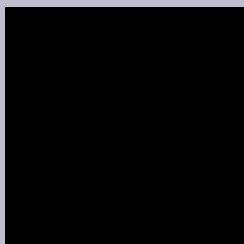
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7909, 52.7184, 67.1205

Background



This preview shows how black text looks on a background with the XYZ color 51.7909, 52.7184, 67.1205.



This preview shows how white text looks on a background with the XYZ color 51.7909, 52.7184,

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

51.7909, 52.7184, 67.1205

Protanopia

51.5018, 52.8920, 67.1693

Deuteranopia

53.9075, 52.8406, 67.6796



Tritanopia

51.4252, 52.5721, 65.1946

Trichromacy



Original Color

51.7909, 52.7184, 67.1205

Protanomaly

51.7542, 53.0221, 67.1811

Deuteranomaly

53.0450, 52.7120, 67.7003

Tritanomaly

51.5464, 52.6206, 65.8325

Monochromacy



Original Color

51.7909, 52.7184, 67.1205

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.0350, 53.1139, 60.9883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7909, 52.7184, 67.1205 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(193, 190, 208)` looks like.

```
.text, #text, p{  
    color:rgb(193, 190, 208)  
}
```

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(193, 190, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 190, 208) }
```

Border

The CSS property to change the border of an element to XYZ 51.7909, 52.7184, 67.1205 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(193, 190, 208) }
```


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

```
.border{ border-color:rgb(193, 190, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 190, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 190, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 190, 208);  
box-shadow:4px 4px 4px 4px rgb(193, 190,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7909, 52.7184, 67.1205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 190, 208) }
```

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

```
.background{ background-color: rgb(193,  
190, 208) }
```

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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