

Converting Colors

XYZ(52.0951, 52.9505, 67.8619)

Have a look what the booklet for
XYZ(52.0951, 52.9505, 67.8619)
contains.

XYZ(51.9144, 52.7678, 67.7706)	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(51.9144, 52.7678,
67.7706)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BED1
RGB	193, 190, 209
RGB Percent	76%, 75%, 82%
CMY	0.2431, 0.2549, 0.1804
CMYK	0.08, 0.09, 0.00, 0.18
HSL	249°, 17%, 78%
HSV	249°, 9%, 82%
XYZ	51.9144, 52.7678, 67.7706
YIQ	193.0630, -4.3110, 6.5450

Conversions

Conversions Part 2

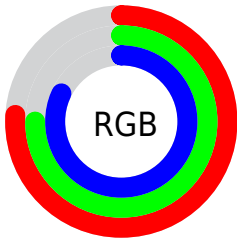
Format	Color
R _Y B	193, 190, 209
Decimal	12697297
CIE Lab	77.74, 4.67, -9.14
CIE LCh	78, 10.269, 297.064
Yxy	52.7678, 0.3010, 0.3060
Android (android.graphics.Color)	4290887377 (0xFFC1BED1)
YUV	193.0630, 7.8569, -0.0553
Hunter-Lab	72.6414, 0.4454, -4.4654

Details

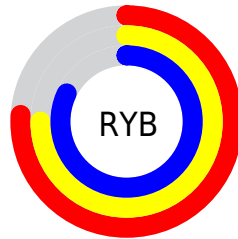
The XYZ color **51.9144, 52.7678, 67.7706** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5502, 62.4418, 57.7370**, and the grayscale version is **50.6840, 53.3235, 58.0693**.

A 20% lighter version of the original color is **90.0727, 93.2713, 107.8636**, and **25.5095, 25.7468, 34.6355** is the 20% darker color. If you saturate the color by 10%, you get **43.4851, 42.1785, 66.1717**, and if you desaturate by 10%, it is **61.5301, 64.9351, 69.6131**.

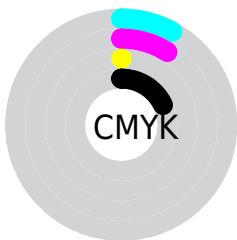
Distribution



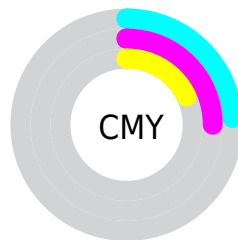
- Red (76%)
- Green (75%)
- Blue (82%)



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



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9144, 52.7678, 67.7706 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 51.9144, 52.7678, 67.7706 by changing the saturation by 10% instead.

■ 51.9144, 52.7678,
67.7706

■ 51.9144, 52.7678,
67.7706

384.4354,
397.3936, 471.2588

■ 37.1608, 37.6174,
49.2456

■ 92.1800, 94.2626,
117.6750

■ 25.5063, 25.6859,
34.4474

118.4227,
121.3758, 149.8915

■ 16.5854, 16.5888,
22.9574

149.2258,
153.2455, 187.5090

■ 10.0328, 9.9418,
14.3570

184.9547,
190.2559, 230.9458

■ 5.4831, 5.3604,
8.2278

225.9748,
232.7916, 280.6207

■ 2.5711, 2.4602,
4.1512

272.6514,

■ 0.9312, 0.8566,

281.2368, 336.9521

1.7087

325.3498,
335.9760, 400.3587

■ 0.0000, 0.0000,
0.3667

■ 0.0000, 0.0000,
0.0000

■ 51.9144, 52.7678,
67.7706

■ 51.9144, 52.7678,
67.7706

■ 43.4851, 42.1785,
66.1717

■ 61.5301, 64.9351,
69.6131

■ 36.1913, 33.0959,
64.8031

■ 72.3710, 78.7347,
71.7053

■ 29.9855, 25.4533,
63.6550

■ 84.4801, 94.2262,
74.0573

■ 24.8146, 19.1759,
62.7158

■ 88.5088, 97.3835,
74.4544

■ 20.6215, 14.1827,
61.9731

■ 17.3431, 10.3837,
61.4126

■ 14.9087, 7.6769,
61.0184

■ 13.2368, 5.9434,
60.7719

■ 12.2084, 4.9948,
60.6430

Harmonies

Analogous

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



49.9586, 52.7678, 69.1020



51.9144, 52.7678, 67.7706



53.4328, 52.7678, 63.6181

Triad

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



51.9144, 52.7678, 67.7706



52.2623, 52.7678, 48.7445



46.4311, 52.7678, 56.8960

Complementary

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



51.9144, 52.7678, 67.7706



57.5502, 62.4418, 57.7370

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.



47.0126, 52.7678, 51.7036



51.9144, 52.7678, 67.7706



50.3504, 52.7678, 47.1965

Square

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



51.9144, 52.7678, 67.7706



53.6374, 52.7678, 52.6146



48.4343, 52.7678, 48.2435



46.8252, 52.7678, 62.5838

Rectangle

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



51.9144, 52.7678, 67.7706



53.9745, 52.7678, 59.9421



48.4343, 52.7678, 48.2435



46.5186, 52.7678, 55.0380

Sweetspot

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



51.9160, 52.7700, 67.7718



90.3271, 94.0142, 107.9936



54.8529, 59.7669, 68.9675



19.0699, 19.7889, 23.0645



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.



51.9160, 52.7700, 67.7718



78.5818, 79.1823, 105.7498



54.3758, 54.0381, 67.8869



11.3349, 11.5060, 14.8671



7.5362, 3.0653, 37.3870



0.4773, 0.2002, 2.0931

Inverse Universe

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



55.8503, 54.8407, 66.0367



86.0409, 83.1090, 102.4221



55.0308, 61.1430, 57.6191



12.2273, 11.9757, 14.4729



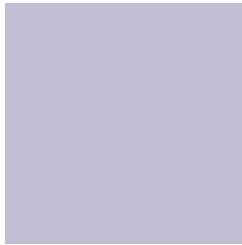
21.0758, 10.3032, 26.3691



1.2005, 0.5849, 1.5906

Previews

White Background



This preview shows how the XYZ color 51.9144, 52.7678, 67.7706 looks on a white background.

Color Contrast Check

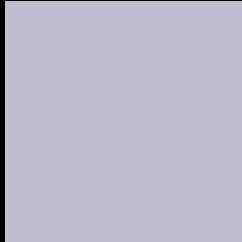
Large Text (above 18pt) WCAG AA × Fail

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 51.9144, 52.7678, 67.7706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

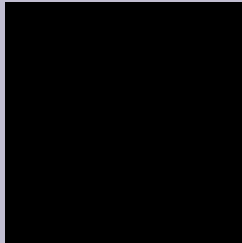
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9144, 52.7678, 67.7706

Background



This preview shows how black text looks on a background with the XYZ color 51.9144, 52.7678, 67.7706.

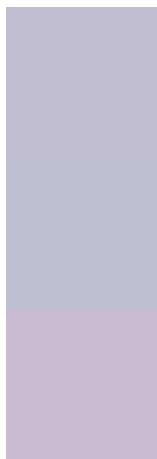


This preview shows how white text looks on a background with the XYZ color 51.9144, 52.7678,

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

51.9144, 52.7678, 67.7706

Protanopia

51.3746, 52.8122, 67.8076

Deuteranopia

54.0318, 52.8903, 68.3338



Tritanopia

51.5096, 52.9243, 65.8931

Trichromacy



Original Color

51.9144, 52.7678, 67.7706

Protanomaly

51.6253, 52.9414, 67.8194

Deuteranomaly

53.1693, 52.7617, 68.3545

Tritanomaly

51.6315, 52.9731, 66.5350

Monochromacy



Original Color

51.9144, 52.7678, 67.7706

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.1508, 53.1603, 61.5979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9144, 52.7678, 67.7706 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(193, 190, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 190, 209) }
```

Border

The CSS property to change the border of an element to XYZ 51.9144, 52.7678, 67.7706 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, 209) }
```


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

```
.border{ border-color:rgb(193, 190, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 190, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 190, 209);  
box-shadow:4px 4px 4px 4px rgb(193, 190,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9144, 52.7678, 67.7706 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, 209) }
```

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

```
.background{ background-color: rgb(193,  
190, 209) }
```

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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