

Converting Colors

XYZ(51.2783, 59.1548, 67.2992)

Have a look what the booklet for
XYZ(51.2783, 59.1548, 67.2992)
contains.

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Color

**XYZ(51.1746, 58.9414,
67.0722)**

Conversions

Conversions Part 1

Format	Color
Hex	ADD1CE
RGB	173, 209, 206
RGB Percent	68%, 82%, 81%
CMY	0.3216, 0.1804, 0.1922
CMYK	0.17, 0.00, 0.01, 0.18
HSL	175°, 28%, 75%
HSV	175°, 17%, 82%
XYZ	51.1746, 58.9414, 67.0722
YIQ	197.8940, -20.4930, -8.5650

Conversions

Conversions Part 2

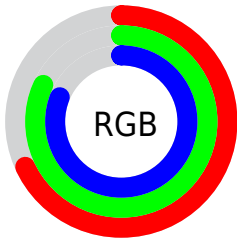
Format	Color
R_{YB}	173, 192, 209
Decimal	11391438
CIE _{Lab}	81.26, -12.46, -2.48
CIE _{LCh}	81, 12.703, 191.279
Yxy	58.9414, 0.2888, 0.3326
Android (android.graphics.Color)	4289581518 (0xFFADD1CE)
YUV	197.8940, 3.9963, -21.8320
Hunter-Lab	76.7733, -15.3710, 1.9432

Details

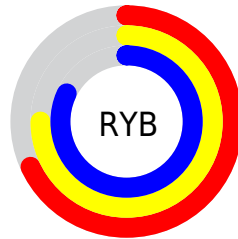
The XYZ color **51.1746, 58.9414, 67.0722** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.0766, 46.5786, 47.4807**, and the grayscale version is **53.5989, 56.3902, 61.4089**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **25.1346, 29.7028, 34.1142** is the 20% darker color. If you saturate the color by 10%, you get **46.6995, 56.6603, 65.7645**, and if you desaturate by 10%, it is **56.3784, 61.6010, 68.4287**.

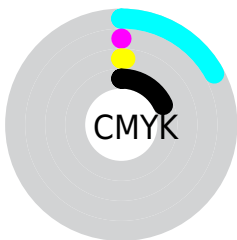
Distribution



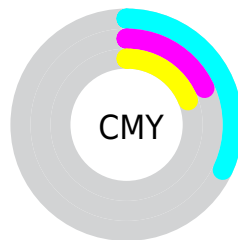
- Red (68%)
- Green (82%)
- Blue (81%)



- Red (68%)
- Yellow (75%)
- Blue (82%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)





- Cyan (32%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1746, 58.9414, 67.0722 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 51.1746, 58.9414, 67.0722 by changing the saturation by 10% instead.


 51.1746, 58.9414,
67.0722

 51.1746, 58.9414,
67.0722


381.6183,
420.6847, 468.7102

 36.5692, 42.5659,
48.6813


 91.0943, 103.2925,
116.6655

 25.0463, 29.5447,
34.0029


117.1392,
132.0369, 148.7050

 16.2404, 19.4933,
22.6185

147.7281,
165.6731, 186.1311

 9.7864, 12.0272,
14.1094

183.2262,
204.5855, 229.3625

 5.3187, 6.7622,
8.0572

223.9989,
249.1585, 278.8175

 2.4721, 3.3138,
4.0433

270.4116,

 0.8812, 1.2977,

299.7764, 334.9147

1.6491

322.8296,
356.8237, 398.0728

■ 0.0000, 0.1394,
0.3255

■ 0.0000, 0.0000,
0.0000

■ 51.1746, 58.9414,
67.0722

■ 51.1746, 58.9414,
67.0722

■ 46.6995, 56.6603,
65.7645

■ 56.3784, 61.6010,
68.4287

■ 42.9145, 54.7332,
64.5001

■ 62.3371, 64.6480,
69.8317

■ 39.7852, 53.1437,
63.2786

■ 69.0820, 68.0999,
71.2837

■ 37.2720, 51.8716,
62.0980

■ 76.0485, 71.6659,
72.7585

■ 35.3312, 50.8944,
60.9564

■ 76.2710, 71.7549,
73.9301

■ 33.9134, 50.1865,
59.8513

■ 76.4959, 71.8448,
75.1143

■ 32.9606, 49.7180,
58.7799

■ 76.7232, 71.9357,
76.3111

■ 32.3947, 49.4487,
57.7387

■ 76.9528, 72.0276,
77.5205

■ 32.2686, 49.3899,
57.4534

■ 77.1849, 72.1204,
78.7426

Harmonies

Analogous

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



51.3359, 58.9414, 59.6087



51.1746, 58.9414, 67.0722



52.2813, 58.9414, 74.2882

Triad

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



51.1746, 58.9414, 67.0722



59.4494, 58.9414, 75.7740



57.6726, 58.9414, 51.3310

Complementary

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



51.1746, 58.9414, 67.0722



49.0766, 46.5786, 47.4807

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.



59.9371, 58.9414, 55.0279



51.1746, 58.9414, 67.0722



60.9851, 58.9414, 68.9733

Square

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



51.1746, 58.9414, 67.0722



57.0240, 58.9414, 79.5696



61.1663, 58.9414, 61.3667



55.0319, 58.9414, 50.9100

Rectangle

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



51.1746, 58.9414, 67.0722



53.6102, 58.9414, 77.8365



61.1663, 58.9414, 61.3667



58.5052, 58.9414, 52.2174

Sweetspot

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



51.1763, 58.9438, 67.0735



90.3431, 97.5932, 107.7885



48.3855, 57.9207, 48.1657



19.2008, 20.8193, 23.0381



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.



51.1763, 58.9438, 67.0735



77.3077, 90.9356, 104.3595



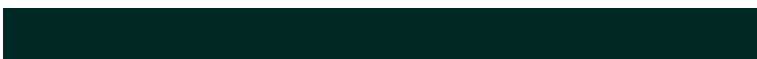
48.1695, 52.3408, 67.8884



12.1141, 13.3894, 14.9570



19.9127, 30.4580, 35.5161



1.1262, 1.7082, 2.0535

Inverse Universe

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



49.0766, 46.5786, 47.4807



73.3621, 67.6956, 67.5393



51.6947, 52.2850, 46.9035



11.8482, 11.8240, 12.4764



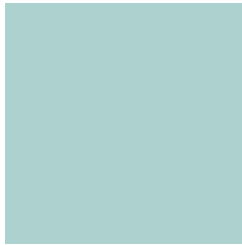
16.2919, 8.3896, 1.1775



0.9251, 0.4748, 0.1406

Previews

White Background



This preview shows how the XYZ color 51.1746, 58.9414, 67.0722 looks on a white background.

Color Contrast Check

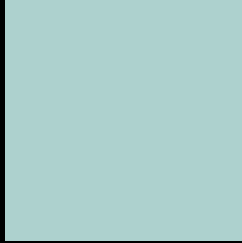
Large Text (above 18pt) WCAG AA × Fail

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 51.1746, 58.9414, 67.0722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

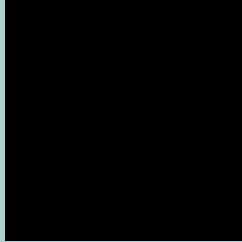
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1746, 58.9414, 67.0722

Background



This preview shows how black text looks on a background with the XYZ color 51.1746, 58.9414, 67.0722.

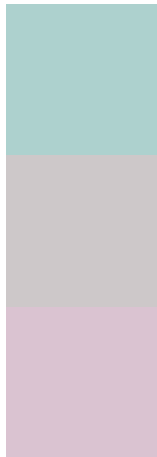


This preview shows how white text looks on a background with the XYZ color 51.1746, 58.9414,

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

51.1746, 58.9414, 67.0722

Protanopia

56.3737, 58.5047, 63.5797

Deuteranopia

59.9372, 58.5391, 68.4617



Tritanopia

53.2951, 58.7004, 78.3334

Trichromacy



Original Color

51.1746, 58.9414, 67.0722

Protanomaly

54.1277, 58.3611, 64.9119

Deuteranomaly

56.3966, 58.4192, 67.9781

Tritanomaly

52.5164, 58.7494, 74.2175

Monochromacy



Original Color

51.1746, 58.9414, 67.0722

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.6494, 57.2769, 63.5390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1746, 58.9414, 67.0722 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(173, 209, 206)` looks like.

```
.text, #text, p{  
    color:rgb(173, 209, 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(173, 209, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 209, 206) }
```

Border

The CSS property to change the border of an element to XYZ 51.1746, 58.9414, 67.0722 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(173, 209, 206) }
```


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

```
.border{ border-color:rgb(173, 209, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 209, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 209, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 209, 206); box-shadow:4px 4px 4px 4px rgb(173, 209, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1746, 58.9414, 67.0722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 209, 206) }
```

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

```
.background{ background-color: rgb(173,  
209, 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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