

Converting Colors

XYZ(52.4971, 61.2189, 67.0488)

Have a look what the booklet for
XYZ(52.4971, 61.2189, 67.0488)
contains.

XYZ(52.2693, 60.9949, 66.7759)	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(52.2693, 60.9949,
66.7759)**

Conversions

Conversions Part 1

Format	Color
Hex	AED5CD
RGB	174, 213, 205
RGB Percent	68%, 84%, 80%
CMY	0.3176, 0.1647, 0.1961
CMYK	0.18, 0.00, 0.04, 0.16
HSL	168°, 32%, 76%
HSV	168°, 18%, 84%
XYZ	52.2693, 60.9949, 66.7759
YIQ	200.4270, -20.6760, -10.7560

Conversions

Conversions Part 2

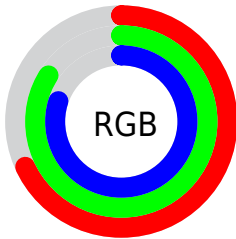
Format	Color
RYB	174, 196, 213
Decimal	11457997
CIELab	82.38, -14.39, -0.31
CIELCh	82, 14.394, 181.227
Yxy	60.9949, 0.2903, 0.3388
Android (android.graphics.Color)	4289648077 (0xFFAED5CD)
YUV	200.4270, 2.2545, -23.1765
Hunter-Lab	78.0992, -17.2094, 3.9757

Details

The XYZ color **52.2693, 60.9949, 66.7759** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.0223, 47.7974, 50.7954**, and the grayscale version is **55.1600, 58.0326, 63.1975**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **25.6979, 30.7530, 33.8597** is the 20% darker color. If you saturate the color by 10%, you get **47.3752, 58.5337, 63.8322**, and if you desaturate by 10%, it is **57.9341, 63.8550, 69.8352**.

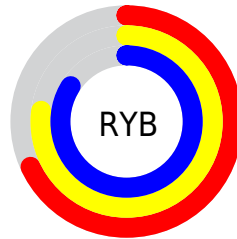
Distribution



Red (68%)

Green (84%)

Blue (80%)



Red (68%)

Yellow (77%)

Blue (84%)

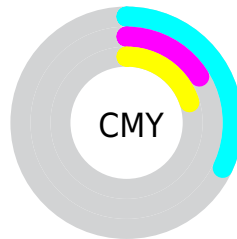


Cyan (18%)

Magenta (0%)

Yellow (4%)

Black (16%)



Cyan (32%)


Magenta (16%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2693, 60.9949, 66.7759 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 52.2693, 60.9949, 66.7759 by changing the saturation by 10% instead.

 52.2693, 60.9949,
66.7759

 52.2693, 60.9949,
66.7759


385.7823,
428.2553, 467.6264

 37.4449, 44.2211,
48.4421


 92.7002, 106.2716,
116.2368

 25.7274, 30.8443,
33.8146


119.0373,
135.5431, 148.2010

 16.7514, 20.4803,
22.4750


149.9428,
169.7494, 185.5458

 10.1516, 12.7447,
14.0047

185.7820,
209.2748, 228.6896

 5.5626, 7.2530,
7.9852

226.9201,
254.5037, 278.0510

 2.6191, 3.6208,
3.9978

273.7227,

 0.9557, 1.4638,

305.8205, 334.0486

1.6241

326.5549,
363.6096, 397.1009

■ 0.0000, 0.2630,
0.3080

■ 0.0000, 0.0000,
0.0000

■ 52.2693, 60.9949,
66.7759

■ 52.2693, 60.9949,
66.7759

■ 47.3752, 58.5337,
63.8322

■ 57.9341, 63.8550,
69.8352

■ 43.2112, 56.4454,
60.9976


■ 64.3975, 67.1235,
73.0082


■ 39.7405, 54.7130,
58.2712


■ 71.6926, 70.8190,
76.2983


■ 36.9214, 53.3148,
55.6504


■ 78.2851, 74.1505,
79.6342


 34.7072, 52.2268,
53.1323


 78.8804, 74.3887,
82.7688


 33.0453, 51.4218,
50.7139


 79.4909, 74.6329,
85.9841


 31.8735, 50.8679,
48.3915

 80.1169, 74.8833,
89.2806

 31.0995, 50.5175,
46.1602

 80.7585, 75.1399,
92.6589

 30.9848, 50.4664,
45.7910

 81.4157, 75.4028,
96.1195

Harmonies

Analogous

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



52.9513, 60.9949, 58.6024



52.2693, 60.9949, 66.7759



53.0704, 60.9949, 75.5703

Triad

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



52.2693, 60.9949, 66.7759



61.0888, 60.9949, 81.9464



60.8623, 60.9949, 52.6674

Complementary

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



52.2693, 60.9949, 66.7759



51.0223, 47.7974, 50.7954

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.



63.1703, 60.9949, 58.0272



52.2693, 60.9949, 66.7759



63.3043, 60.9949, 74.8887

Square

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



52.2693, 60.9949, 66.7759



58.1004, 60.9949, 84.7925



64.0790, 60.9949, 66.0516



57.8475, 60.9949, 50.9022

Rectangle

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



52.2693, 60.9949, 66.7759



54.3546, 60.9949, 80.4869



64.0790, 60.9949, 66.0516



61.7502, 60.9949, 54.0836

Sweetspot

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



52.2710, 60.9974, 66.7773



90.0954, 97.4942, 106.4844



50.8341, 60.6470, 49.0724



19.1404, 20.7951, 22.7201



0.0000, 0.0000, 0.0000



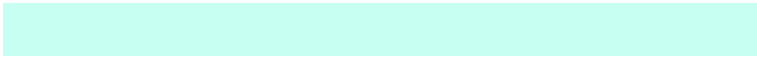
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.2710, 60.9974, 66.7773



75.5383, 90.1491, 98.6009



50.5765, 56.0226, 71.1014



12.6779, 14.0622, 15.3844



18.9639, 30.8409, 28.1691



1.1720, 1.8715, 1.8475

Inverse Universe

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



51.0223, 47.7974, 50.7954



73.3246, 66.7345, 70.2581



52.4421, 51.9229, 47.3038



12.5264, 12.4621, 13.4465



17.0661, 8.7628, 2.3864



1.0597, 0.5407, 0.3039

Previews

White Background



This preview shows how the XYZ color 52.2693, 60.9949, 66.7759 looks on a white background.

Color Contrast Check

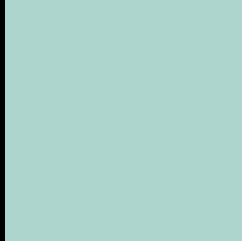
Large Text (above 18pt) WCAG AA × Fail

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 52.2693, 60.9949, 66.7759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

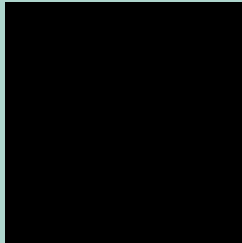
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

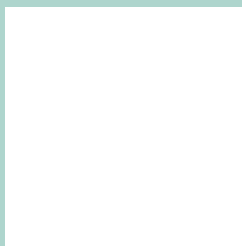
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2693, 60.9949, 66.7759

Background



This preview shows how black text looks on a background with the XYZ color 52.2693, 60.9949, 66.7759.

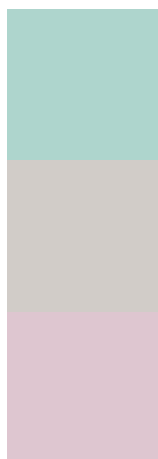


This preview shows how white text looks on a background with the XYZ color 52.2693, 60.9949,

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

52.2693, 60.9949, 66.7759

Protanopia

58.3127, 60.9112, 63.3272

Deuteranopia

61.7035, 60.4718, 68.0946



Tritanopia

55.1342, 61.0492, 80.8293

Trichromacy



Original Color

52.2693, 60.9949, 66.7759

Protanomaly

55.7384, 60.6257, 64.6413

Deuteranomaly

57.7953, 60.1960, 67.6043

Tritanomaly

54.0806, 60.9976, 75.2530

Monochromacy



Original Color

52.2693, 60.9949, 66.7759

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.9778, 59.0033, 64.4209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2693, 60.9949, 66.7759 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(174, 213, 205)` looks like.

```
.text, #text, p{  
    color:rgb(174, 213, 205)  
}
```

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(174, 213, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 213, 205) }
```

Border

The CSS property to change the border of an element to XYZ 52.2693, 60.9949, 66.7759 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(174, 213, 205) }
```


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

```
.border{ border-color:rgb(174, 213, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 213, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 213, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 213, 205);  
box-shadow:4px 4px 4px 4px rgb(174, 213,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2693, 60.9949, 66.7759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 213, 205) }
```

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

```
.background{ background-color: rgb(174,  
213, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor