

Converting Colors

XYZ(58.7655, 67.4589, 62.8515)

Have a look what the booklet for
XYZ(58.7655, 67.4589, 62.8515)
contains.

XYZ(58.6994, 67.4799, 62.7545)	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(58.6994, 67.4799,
62.7545)**

Conversions

Conversions Part 1

Format	Color
Hex	C4DDC5
RGB	196, 221, 197
RGB Percent	77%, 87%, 77%
CMY	0.2314, 0.1333, 0.2274
CMYK	0.11, 0.00, 0.11, 0.13
HSL	122°, 27%, 82%
HSV	122°, 11%, 87%
XYZ	58.6994, 67.4799, 62.7545
YIQ	210.7890, -7.1960, -12.7640

Conversions

Conversions Part 2

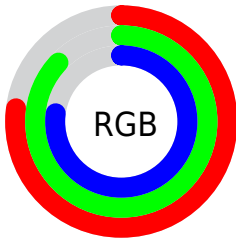
Format	Color
RYB	196, 220, 221
Decimal	12901829
CIELab	85.75, -12.76, 8.98
CIELCh	86, 15.608, 144.859
Yxy	67.4799, 0.3107, 0.3572
Android (android.graphics.Color)	4291091909 (0xFFC4DDC5)
YUV	210.7890, -6.7980, -12.9700
Hunter-Lab	82.1462, -16.2045, 12.2085

Details

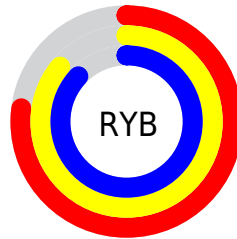
The XYZ color **58.6994, 67.4799, 62.7545** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4793, 60.0208, 76.0053**, and the grayscale version is **61.8260, 65.0458, 70.8348**.

A 20% lighter version of the original color is **94.1574, 99.5584, 108.0200**, and **29.7495, 35.0064, 31.1755** is the 20% darker color. If you saturate the color by 10%, you get **51.1065, 63.8289, 50.5899**, and if you desaturate by 10%, it is **67.4850, 71.7100, 76.7637**.

Distribution



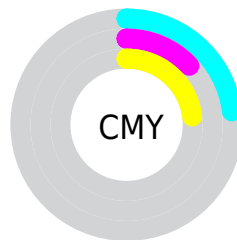
- Red (77%)
- Green (87%)
- Blue (77%)



- Red (77%)
- Yellow (86%)
- Blue (87%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6994, 67.4799, 62.7545 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 58.6994, 67.4799, 62.7545 by changing the saturation by 10% instead.

■ 58.6994, 67.4799,
62.7545

■ 58.6994, 67.4799,
62.7545

409.6990,
451.6511, 452.7614

■ 42.6166, 49.4747,
45.2029

102.0578,
115.6078, 110.3974

■ 29.7776, 34.9962,
31.2732

130.0641,
146.4993, 141.3258

■ 19.8171, 23.6600,
20.5467

162.7756,
182.4550, 177.5502

■ 12.3697, 15.0816,
12.6051

200.5577,
223.8594, 219.4892

■ 7.0699, 8.8767,
7.0297

243.7758,
271.0968, 267.5612

■ 3.5526, 4.6608,
3.4019

292.7951,

■ 1.4523, 2.0497,

324.5516, 322.1849

1.3033

347.9810,
384.6082, 383.7788

■ 0.2930, 0.6361,
0.0645

■ 0.0000, 0.0000,
0.0000

■ 58.6994, 67.4799,
62.7545

■ 58.6994, 67.4799,
62.7545

■ 51.1065, 63.8289,
50.5899

■ 67.4850, 71.7100,
76.7637

■ 44.6496, 60.7238,
40.1889

■ 77.5058, 76.5339,
92.6852

■ 39.2758, 58.1409,
31.4710

■ 85.1478, 80.1956,
105.5993

■ 34.9258, 56.0516,
24.3478

■ 31.5345, 54.4243,
18.7228

■ 29.0294, 53.2240,
14.4891

■ 27.3278, 52.4106,
11.5256

■ 26.3312, 51.9364,
9.6906

■ 25.9063, 51.7350,
8.8745

Harmonies

Analogous

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



61.3018, 67.4799, 57.0780



58.6994, 67.4799, 62.7545



57.5564, 67.4799, 71.7310

Triad

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



58.6994, 67.4799, 62.7545



63.5260, 67.4799, 94.7883



70.5535, 67.4799, 65.5343

Complementary

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



58.6994, 67.4799, 62.7545



62.4793, 60.0208, 76.0053

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.



71.2023, 67.4799, 75.2453



58.6994, 67.4799, 62.7545



67.0596, 67.4799, 92.7432

Square

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



58.6994, 67.4799, 62.7545



60.2764, 67.4799, 90.7060



69.9018, 67.4799, 85.3499



68.1603, 67.4799, 58.5758

Rectangle

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



58.6994, 67.4799, 62.7545



57.7441, 67.4799, 78.6190



69.9018, 67.4799, 85.3499



70.9865, 67.4799, 68.5588

Sweetspot

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



58.7013, 67.4828, 62.7560



91.1313, 98.1138, 102.6623



65.3889, 70.9436, 62.4723



19.2873, 20.8952, 21.6259



0.0000, 0.0000, 0.0000



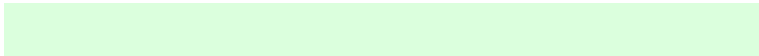
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7013, 67.4828, 62.7560



78.0788, 91.8327, 81.8276



60.1733, 68.0716, 70.5079



12.9075, 14.6146, 13.9761



15.0584, 30.0560, 5.2070



0.9832, 1.9502, 0.3774

Inverse Universe

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



62.4793, 60.0208, 76.0053



84.4706, 79.2080, 104.2429



60.9050, 59.3911, 67.7152



13.5907, 13.2654, 16.3718



24.2474, 11.7000, 37.2783



1.5780, 0.7608, 2.4528

Previews

White Background



This preview shows how the XYZ color 58.6994, 67.4799, 62.7545 looks on a white background.

Color Contrast Check

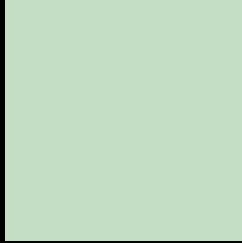
Large Text (above 18pt) WCAG AA × Fail

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 58.6994, 67.4799, 62.7545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

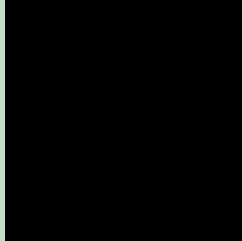
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

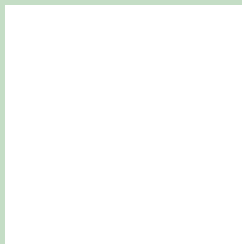
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6994, 67.4799, 62.7545

Background



This preview shows how black text looks on a background with the XYZ color 58.6994, 67.4799, 62.7545.

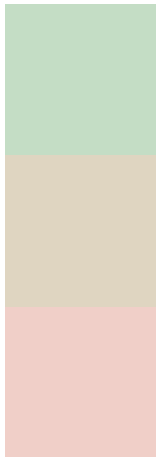


This preview shows how white text looks on a background with the XYZ color 58.6994, 67.4799,

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

58.6994, 67.4799, 62.7545

Protanopia

63.8513, 67.1267, 60.0435

Deuteranopia

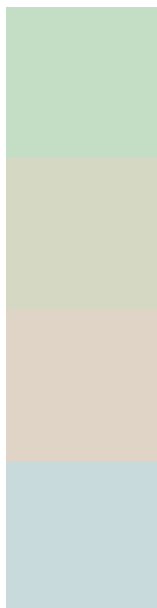
68.6733, 67.3210, 64.0184



Tritanopia

63.6210, 67.5515, 86.7763

Trichromacy



Original Color

58.6994, 67.4799, 62.7545

Protanomaly

61.7340, 67.1529, 60.7470

Deuteranomaly

64.5928, 67.0578, 63.5719

Tritanomaly

61.8091, 67.5895, 77.4985

Monochromacy



Original Color

58.6994, 67.4799, 62.7545

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.8946, 66.1789, 67.9568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6994, 67.4799, 62.7545 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(196, 221, 197)` looks like.

```
.text, #text, p{  
    color:rgb(196, 221, 197)  
}
```

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(196, 221, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 221, 197) }
```

Border

The CSS property to change the border of an element to XYZ 58.6994, 67.4799, 62.7545 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(196, 221, 197) }
```


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

```
.border{ border-color:rgb(196, 221, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 221, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 221, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 221, 197); box-shadow:4px 4px 4px 4px rgb(196, 221, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6994, 67.4799, 62.7545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 221, 197) }
```

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

```
.background{ background-color: rgb(196,  
221, 197) }
```

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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