

Converting Colors

XYZ(52.1500, 58.6853, 52.2949)

Have a look what the booklet for
XYZ(52.1500, 58.6853, 52.2949)
contains.

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Color

**XYZ(52.1500, 58.6853,
52.2949)**

Conversions

Conversions Part 1

Format	Color
Hex	C0CEB5
RGB	192, 206, 181
RGB Percent	75%, 81%, 71%
CMY	0.2471, 0.1921, 0.2902
CMYK	0.07, 0.00, 0.12, 0.19
HSL	94°, 20%, 76%
HSV	94°, 12%, 81%
XYZ	52.1500, 58.6853, 52.2949
YIQ	198.9640, -0.3190, -10.7430

Conversions

Conversions Part 2

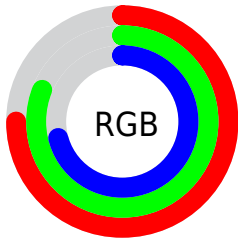
Format	Color
RYB	181, 206, 195
Decimal	12635829
CIELab	81.12, -9.28, 10.82
CIELCh	81, 14.255, 130.625
Yxy	58.6853, 0.3197, 0.3597
Android (android.graphics.Color)	4290825909 (0xFFC0CEB5)
YUV	198.9640, -8.8563, -6.1074
Hunter-Lab	76.6063, -12.5466, 13.1504

Details

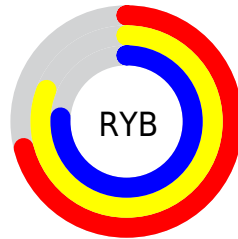
The XYZ color **52.1500, 58.6853, 52.2949** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1726, 49.1078, 65.2300**, and the grayscale version is **54.3180, 57.1468, 62.2329**.

A 20% lighter version of the original color is **89.7575, 97.5909, 94.2270**, and **25.6058, 29.4183, 24.7508** is the 20% darker color. If you saturate the color by 10%, you get **47.3831, 56.4560, 41.8418**, and if you desaturate by 10%, it is **57.4618, 61.1628, 64.4075**.

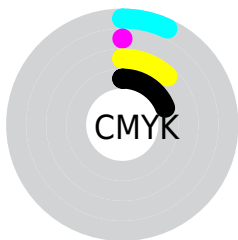
Distribution



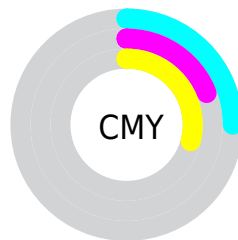
- Red (75%)
- Green (81%)
- Blue (71%)



- Red (71%)
- Yellow (81%)
- Blue (76%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (19%)



- Cyan (25%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1500, 58.6853, 52.2949 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 52.1500, 58.6853, 52.2949 by changing the saturation by 10% instead.

■ 52.1500, 58.6853,
52.2949

■ 52.1500, 58.6853,
52.2949

385.3299,
419.7347, 412.5633

■ 37.3494, 42.3598,
36.8563

■ 92.5253, 102.9201,
94.9970

■ 25.6530, 29.3832,
24.8014

118.8308,
131.5983, 123.0976

■ 16.6956, 19.3709,
15.7114

149.7019,
165.1628, 156.2560

■ 10.1116, 11.9386,
9.1681

185.5040,
203.9981, 194.8907

■ 5.5359, 6.7019,
4.7527

226.6025,
248.4886, 239.4203

■ 2.6029, 3.2764,
2.0467

273.3628,

■ 0.9474, 1.2777,

299.0185, 290.2632

0.5838

326.1501,
355.9724, 347.8380

■ 0.0000, 0.1238,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.1500, 58.6853,
52.2949

■ 52.1500, 58.6853,
52.2949

■ 47.3831, 56.4560,
41.8418

■ 57.4618, 61.1628,
64.4075

■ 43.1374, 54.4592,
32.9721

■ 63.3315, 63.8886,
78.2436

■ 39.3944, 52.6887,
25.6095

■ 69.7778, 66.8726,
93.8683

■ 36.1326, 51.1353,
19.6700

■ 75.4340, 69.5687,
104.0600

■ 33.3286, 49.7889,
15.0612

■ 79.4365, 71.6321,
104.2474

■ 30.9568, 48.6385,
11.6798

■ 81.3625, 72.6250,
104.3375

■ 28.9882, 47.6720,
9.4075

■ 27.3894, 46.8750,
8.1022

■ 26.3498, 46.3500,
7.5577

Harmonies

Analogous

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



54.7345, 58.6853, 49.1630



52.1500, 58.6853, 52.2949



50.5738, 58.6853, 58.6357

Triad

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



52.1500, 58.6853, 52.2949



53.9095, 58.6853, 80.5635



61.5689, 58.6853, 60.9362

Complementary

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



52.1500, 58.6853, 52.2949



50.1726, 49.1078, 65.2300

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.



61.3289, 58.6853, 69.4668



52.1500, 58.6853, 52.2949



56.8359, 58.6853, 81.3179

Square

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



52.1500, 58.6853, 52.2949



51.5644, 58.6853, 75.1242



59.5718, 58.6853, 77.1025



60.2164, 58.6853, 53.8505

Rectangle

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



52.1500, 58.6853, 52.2949



50.2724, 58.6853, 64.0765



59.5718, 58.6853, 77.1025



61.6729, 58.6853, 63.7204

Sweetspot

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



52.1516, 58.6878, 52.2962



91.3802, 98.2929, 100.3824



53.2556, 55.3786, 51.5992



19.4150, 20.9716, 21.1540



0.0000, 0.0000, 0.0000



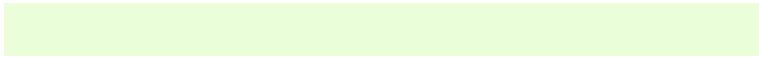
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1516, 58.6878, 52.2962



82.0447, 93.9376, 79.2828



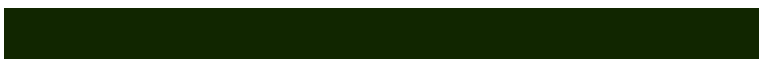
49.5985, 57.3568, 52.8494



11.5285, 12.7744, 11.9375



16.3320, 28.5948, 4.6586



0.9292, 1.5198, 0.2444

Inverse Universe

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



50.1726, 49.1078, 65.2300



78.1167, 74.9241, 104.9524



52.9691, 50.5669, 64.5712



11.1927, 11.1487, 14.1324



11.3576, 5.0626, 36.3348



0.6722, 0.3057, 1.8785

Previews

White Background



This preview shows how the XYZ color 52.1500, 58.6853, 52.2949 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 52.1500, 58.6853, 52.2949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

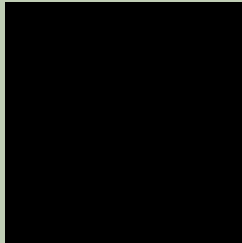
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

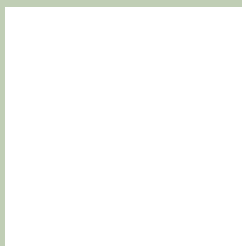
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1500, 58.6853, 52.2949

Background



This preview shows how black text looks on a background with the XYZ color 52.1500, 58.6853, 52.2949.



This preview shows how white text looks on a background with the XYZ color 52.1500, 58.6853,

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

52.1500, 58.6853, 52.2949

Protanopia

55.5009, 58.6893, 50.5224

Deuteranopia

59.5176, 58.3334, 52.9223



Tritanopia

56.4370, 58.6534, 73.9923

Trichromacy



Original Color

52.1500, 58.6853, 52.2949

Protanomaly

54.1212, 58.6631, 51.1184

Deuteranomaly

56.3691, 58.0617, 52.4920

Tritanomaly

54.7607, 58.6736, 65.5657

Monochromacy



Original Color

52.1500, 58.6853, 52.2949

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.3999, 57.7826, 58.2079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1500, 58.6853, 52.2949 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(192, 206, 181)` looks like.

```
.text, #text, p{  
    color:rgb(192, 206, 181)  
}
```

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(192, 206, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 206, 181) }
```

Border

The CSS property to change the border of an element to XYZ 52.1500, 58.6853, 52.2949 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(192, 206, 181) }
```


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

```
.border{ border-color:rgb(192, 206, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 206, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 206, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 206, 181);  
box-shadow:4px 4px 4px 4px rgb(192, 206,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1500, 58.6853, 52.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 206, 181) }
```

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

```
.background{ background-color: rgb(192,  
206, 181) }
```

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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