

Converting Colors

XYZ(53.1378, 58.1443, 53.2223)

Have a look what the booklet for
XYZ(53.1378, 58.1443, 53.2223)
contains.

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Color

**XYZ(53.1919, 58.1365,
53.2177)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CBB7
RGB	198, 203, 183
RGB Percent	78%, 80%, 72%
CMY	0.2235, 0.2039, 0.2823
CMYK	0.02, 0.00, 0.10, 0.20
HSL	75°, 16%, 76%
HSV	75°, 10%, 80%
XYZ	53.1919, 58.1365, 53.2177
YIQ	199.2250, 3.4400, -7.2800

Conversions

Conversions Part 2

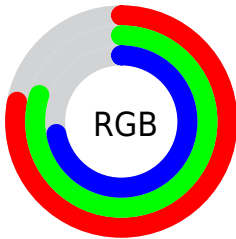
Format	Color
RYB	183, 203, 188
Decimal	13028279
CIELab	80.81, -5.26, 9.38
CIELCh	81, 10.757, 119.304
Yxy	58.1365, 0.3233, 0.3533
Android (android.graphics.Color)	4291218359 (0xFFC6CBB7)
YUV	199.2250, -7.9989, -1.0743
Hunter-Lab	76.2473, -8.9070, 11.9910

Details

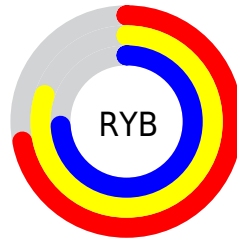
The XYZ color **53.1919, 58.1365, 53.2177** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4542, 48.8717, 63.3823**, and the grayscale version is **54.4711, 57.3079, 62.4083**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **26.2783, 29.0359, 25.3386** is the 20% darker color. If you saturate the color by 10%, you get **49.9139, 56.6751, 42.8187**, and if you desaturate by 10%, it is **56.8228, 59.7480, 65.2264**.

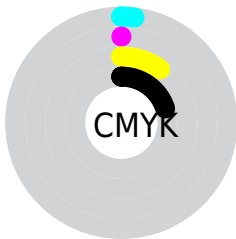
Distribution



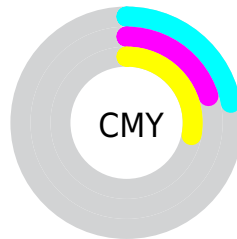
- Red (78%)
- Green (80%)
- Blue (72%)



- Red (72%)
- Yellow (80%)
- Blue (74%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1919, 58.1365, 53.2177 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 53.1919, 58.1365, 53.2177 by changing the saturation by 10% instead.

■ 53.1919, 58.1365,
53.2177

■ 53.1919, 58.1365,
53.2177

389.2697,
417.6944, 416.2098

■ 38.1841, 41.9184,
37.5877

■ 94.0506, 102.1216,
96.3694

■ 26.3034, 29.0374,
25.3635

120.6321,
130.6574, 124.7282

■ 17.1847, 19.1091,
16.1266

151.8023,
164.0679, 158.1670

■ 10.4624, 11.7491,
9.4584

187.9264,
202.7374, 197.1043

■ 5.7712, 6.5731,
4.9405

229.3698,
247.0505, 241.9587

■ 2.7458, 3.1966,
2.1543

276.4980,

■ 1.0208, 1.2352,

297.3914, 293.1487

0.6478

329.6762,
354.1445, 351.0929

■ 0.0000, 0.0902,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.1919, 58.1365,
53.2177

■ 53.1919, 58.1365,
53.2177

■ 49.9139, 56.6751,
42.8187

■ 56.8228, 59.7480,
65.2264

■ 46.9706, 55.3509,
33.9573

■ 60.8144, 61.5071,
78.9055

■ 44.3492, 54.1605,
26.5615

■ 65.1803, 63.4212,
94.3169

■ 42.0343, 53.0977,
20.5518

■ 68.4142, 64.8879,
103.5265

■ 40.0088, 52.1557,
15.8415

■ 69.9591, 65.6843,
103.5988

■ 38.2540, 51.3269,
12.3339

■ 71.5510, 66.5049,
103.6733

■ 36.7485, 50.6027,
9.9190

■ 73.1902, 67.3500,
103.7500

■ 35.4671, 49.9729,
8.4665

■ 74.8772, 68.2197,
103.8290

■ 34.3637, 49.4191,
7.7362

■ 76.6123, 69.1142,
103.9102

Harmonies

Analogous

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



55.3089, 58.1365, 51.8357



53.1919, 58.1365, 53.2177



51.6636, 58.1365, 57.2570

Triad

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



53.1919, 58.1365, 53.2177



53.1043, 58.1365, 74.4175



59.6407, 58.1365, 63.4495

Complementary

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



53.1919, 58.1365, 53.2177



48.4542, 48.8717, 63.3823

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.



59.0133, 58.1365, 69.7556



53.1919, 58.1365, 53.2177



55.2051, 58.1365, 76.3427

Square

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



53.1919, 58.1365, 53.2177



51.6139, 58.1365, 69.4812



57.3749, 58.1365, 74.5832



59.0676, 58.1365, 57.4982

Rectangle

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



53.1919, 58.1365, 53.2177



51.1637, 58.1365, 61.0566



57.3749, 58.1365, 74.5832



59.5630, 58.1365, 65.5993

Sweetspot

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



53.1935, 58.1390, 53.2190



93.1421, 99.1559, 102.5090



51.1610, 52.0836, 52.1573



19.8291, 21.1760, 21.5848



0.0000, 0.0000, 0.0000



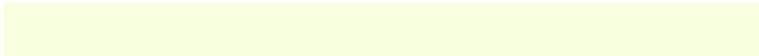
20.3446, 21.4041, 23.3091

Same Dimension

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



53.1935, 58.1390, 53.2190



87.7487, 96.7606, 84.8576



50.6441, 56.8248, 53.0996



11.8691, 12.9499, 11.9535



21.9448, 31.4883, 4.9212



1.1989, 1.6589, 0.2570

Inverse Universe

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



48.4542, 48.8717, 63.3823



78.1096, 77.9115, 105.5293



51.0036, 50.1860, 63.5016



10.8603, 10.9773, 14.1168



7.7930, 3.2250, 36.1680



0.4737, 0.2033, 1.8692

Previews

White Background



This preview shows how the XYZ color 53.1919, 58.1365, 53.2177 looks on a white background.

Color Contrast Check

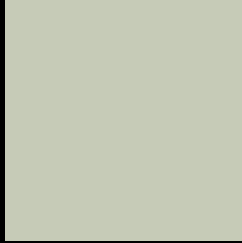
Large Text (above 18pt) WCAG AA × Fail

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 53.1919, 58.1365, 53.2177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

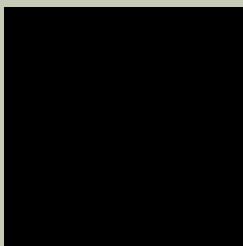
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

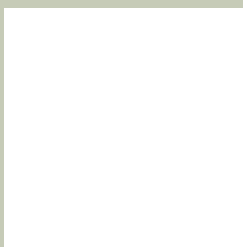
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1919, 58.1365, 53.2177

Background



This preview shows how black text looks on a background with the XYZ color 53.1919, 58.1365, 53.2177.



This preview shows how white text looks on a background with the XYZ color 53.1919, 58.1365,

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

53.1919, 58.1365, 53.2177

Protanopia

55.2893, 58.2001, 52.0357

Deuteranopia

59.1910, 57.8115, 53.9380



Tritanopia

56.9603, 57.9397, 71.7997

Trichromacy



Original Color

53.1919, 58.1365, 53.2177

Protanomaly

54.5070, 58.1298, 52.6033

Deuteranomaly

56.9369, 57.9921, 53.5401

Tritanomaly

55.5212, 58.0379, 64.7761

Monochromacy



Original Color

53.1919, 58.1365, 53.2177

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8331, 57.3009, 58.6750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1919, 58.1365, 53.2177 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(198, 203, 183)` looks like.

```
.text, #text, p{  
    color:rgb(198, 203, 183)  
}
```

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(198, 203, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 203, 183) }
```

Border

The CSS property to change the border of an element to XYZ 53.1919, 58.1365, 53.2177 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(198, 203, 183) }
```


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

```
.border{ border-color:rgb(198, 203, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 203, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 203, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 203, 183);  
box-shadow:4px 4px 4px 4px rgb(198, 203,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1919, 58.1365, 53.2177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 203, 183) }
```

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

```
.background{ background-color: rgb(198,  
203, 183) }
```

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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