

Converting Colors

XYZ(53.1870, 56.6122, 59.1629)

Have a look what the booklet for
XYZ(53.1870, 56.6122, 59.1629)
contains.

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Color

**XYZ(53.1870, 56.6122,
59.1629)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C7C2
RGB	197, 199, 194
RGB Percent	77%, 78%, 76%
CMY	0.2274, 0.2196, 0.2392
CMYK	0.01, 0.00, 0.03, 0.22
HSL	84°, 4%, 77%
HSV	84°, 3%, 78%
XYZ	53.1870, 56.6122, 59.1629
YIQ	197.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

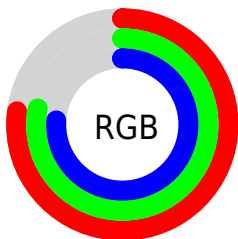
Format	Color
RYB	194, 199, 196
Decimal	12961730
CIELab	79.96, -1.60, 2.25
CIElCh	80, 2.758, 125.410
Yxy	56.6122, 0.3148, 0.3351
Android (android.graphics.Color)	4291151810 (0xFFC5C7C2)
YUV	197.8320, -1.8892, -0.7297
Hunter-Lab	75.2411, -5.4924, 6.0484

Details

The XYZ color **53.1870, 56.6122, 59.1629** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3676, 54.4443, 61.7845**, and the grayscale version is **53.5868, 56.3775, 61.3951**.

A 20% lighter version of the original color is **93.8884, 99.4930, 104.6981**, and **26.1867, 27.9839, 28.8322** is the 20% darker color. If you saturate the color by 10%, you get **49.0688, 54.7320, 48.0741**, and if you desaturate by 10%, it is **57.7181, 58.6739, 71.8358**.

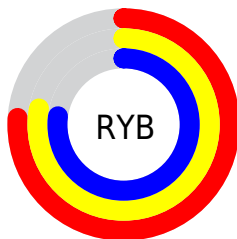
Distribution



Red (77%)

Green (78%)

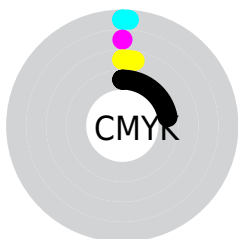
Blue (76%)



Red (76%)

Yellow (78%)

Blue (77%)

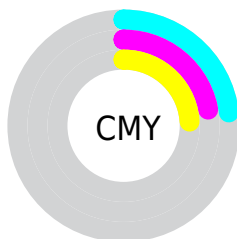


Cyan (1%)

Magenta (0%)

Yellow (3%)

Black (22%)



Cyan (23%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1870, 56.6122, 59.1629 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 53.1870, 56.6122, 59.1629 by changing the saturation by 10% instead.

■ 53.1870, 56.6122,
59.1629

■ 53.1870, 56.6122,
59.1629

389.2513,
411.9946, 439.2240

■ 38.1801, 40.6940,
42.3234

■ 94.0434, 99.8991,
105.1458

■ 26.3004, 28.0800,
29.0271

120.6236,
128.0366, 135.1263

■ 17.1824, 18.3860,
18.8556

151.7924,
161.0159, 170.3243

■ 10.4607, 11.2275,
11.3902

187.9150,
199.2216, 211.1581

■ 5.7701, 6.2200,
6.2125

229.3569,
243.0378, 258.0465

■ 2.7451, 2.9793,
2.9038

276.4833,

■ 1.0204, 1.1210,

292.8492, 311.4079

1.0457

329.6596,
349.0399, 371.6609

■ 0.0000, 0.0000,
0.0000

■ 53.1870, 56.6122,
59.1629

■ 53.1870, 56.6122,
59.1629

■ 49.0688, 54.7320,
48.0741

■ 57.7181, 58.6739,
71.8358

■ 45.3452, 53.0204,
38.5035

■ 62.6700, 60.9151,
86.1478

■ 42.0034, 51.4739,
30.3857

■ 68.0567, 63.3432,
102.1561

■ 39.0282, 50.0861,
23.6496

■ 70.7477, 64.7065,
103.3685

■ 36.4031, 48.8503,
18.2179

■ 73.3472, 66.0466,
103.4902

■ 34.1101, 47.7591,
14.0054

■ 76.0650, 67.4476,
103.6174

■ 32.1293, 46.8043,
10.9173

■ 78.9025, 68.9104,
103.7502

■ 30.4380, 45.9765,
8.8445

■ 79.7145, 69.3290,
103.7882

■ 29.0093, 45.2648,
7.6561

Harmonies

Analogous

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



53.7068, 56.6122, 58.6231



53.1870, 56.6122, 59.1629



52.8355, 56.6122, 60.3673

Triad

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



53.1870, 56.6122, 59.1629



53.3616, 56.6122, 64.4865



54.8868, 56.6122, 61.3509

Complementary

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



53.1870, 56.6122, 59.1629



52.3676, 54.4443, 61.7845

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.



54.7928, 56.6122, 62.9326



53.1870, 56.6122, 59.1629



53.9097, 56.6122, 64.7608

Square

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



53.1870, 56.6122, 59.1629



52.9358, 56.6122, 63.4443



54.4342, 56.6122, 64.1875



54.6901, 56.6122, 59.8723

Rectangle

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



53.1870, 56.6122, 59.1629



52.7425, 56.6122, 61.3947



54.4342, 56.6122, 64.1875



54.8881, 56.6122, 61.8880

Sweetspot

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



53.1886, 56.6146, 59.1641



94.2675, 99.6437, 106.7345



53.0328, 55.5190, 58.9609



20.1854, 21.3316, 22.8684



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.



53.1886, 56.6146, 59.1641



92.7246, 98.9407, 102.4895



52.5394, 56.2800, 59.1338



11.6133, 12.4328, 12.7270



18.1539, 28.8540, 4.6126



0.9398, 1.4076, 0.2222

Inverse Universe

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



52.3676, 54.4443, 61.7845



90.9905, 94.3562, 108.0246



53.0233, 54.7824, 61.8151



11.3452, 11.7241, 13.5825



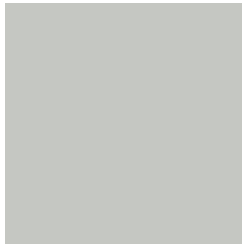
8.8318, 3.7872, 35.0099



0.4996, 0.2213, 1.6615

Previews

White Background



This preview shows how the XYZ color 53.1870, 56.6122, 59.1629 looks on a white background.

Color Contrast Check

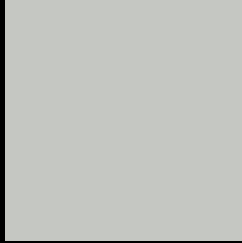
Large Text (above 18pt) WCAG AA × Fail

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 53.1870, 56.6122, 59.1629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

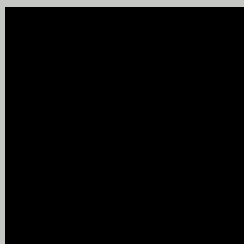
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

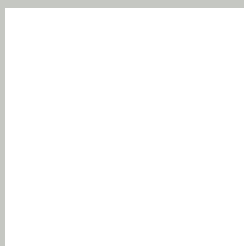
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1870, 56.6122, 59.1629

Background



This preview shows how black text looks on a background with the XYZ color 53.1870, 56.6122, 59.1629.



This preview shows how white text looks on a background with the XYZ color 53.1870, 56.6122,

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

53.1870, 56.6122, 59.1629

Protanopia

54.2205, 56.4793, 58.4959

Deuteranopia

57.6134, 56.5448, 59.5074



Tritanopia

55.4430, 56.5127, 70.2732

Trichromacy



Original Color

53.1870, 56.6122, 59.1629

Protanomaly

53.9071, 56.6559, 58.5466

Deuteranomaly

55.9438, 56.6720, 59.6200

Tritanomaly

54.5389, 56.4824, 65.7853

Monochromacy



Original Color

53.1870, 56.6122, 59.1629

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5608, 56.4252, 60.8915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1870, 56.6122, 59.1629 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(197, 199, 194) looks like.

```
.text, #text, p{  
    color:rgb(197, 199, 194)  
}
```

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(197, 199, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 199, 194) }
```

Border

The CSS property to change the border of an element to XYZ 53.1870, 56.6122, 59.1629 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(197, 199, 194) }
```


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

```
.border{ border-color:rgb(197, 199, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 199, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 199, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 199, 194);  
box-shadow:4px 4px 4px 4px rgb(197, 199,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1870, 56.6122, 59.1629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 199, 194) }
```

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

```
.background{ background-color: rgb(197,  
199, 194) }
```

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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