

Converting Colors

XYZ(53.5306, 57.1190, 59.8335)

Have a look what the booklet for
XYZ(53.5306, 57.1190, 59.8335)
contains.

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Color

**XYZ(53.5306, 57.1190,
59.8335)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C8C3
RGB	197, 200, 195
RGB Percent	77%, 78%, 76%
CMY	0.2274, 0.2157, 0.2353
CMYK	0.02, 0.00, 0.03, 0.22
HSL	96°, 4%, 77%
HSV	96°, 3%, 78%
XYZ	53.5306, 57.1190, 59.8335
YIQ	198.5330, -0.1830, -2.1910

Conversions

Conversions Part 2

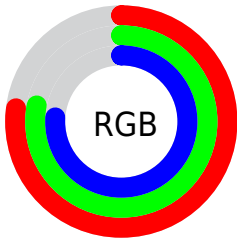
Format	Color
RYB	195, 200, 198
Decimal	12961987
CIELab	80.25, -1.94, 2.13
CIELCh	80, 2.880, 132.433
Yxy	57.1190, 0.3140, 0.3350
Android (android.graphics.Color)	4291152067 (0xFFC5C8C3)
YUV	198.5330, -1.7418, -1.3444
Hunter-Lab	75.5771, -5.8300, 5.9648

Details

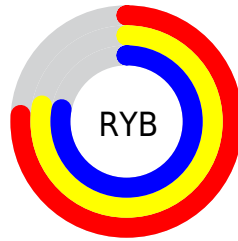
The XYZ color **53.5306, 57.1190, 59.8335** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2313, 55.2077, 62.4970**, and the grayscale version is **54.0127, 56.8255, 61.8830**.

A 20% lighter version of the original color is **94.2037, 99.6191, 106.3588**, and **26.4143, 28.3205, 29.2735** is the 20% darker color. If you saturate the color by 10%, you get **48.3999, 54.7197, 48.5690**, and if you desaturate by 10%, it is **59.2179, 59.7735, 72.7076**.

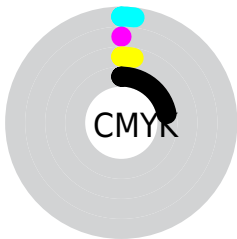
Distribution



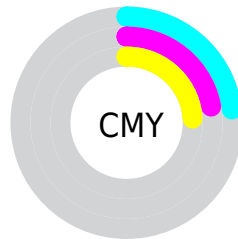
- Red (77%)
- Green (78%)
- Blue (76%)



- Red (76%)
- Yellow (78%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5306, 57.1190, 59.8335 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 53.5306, 57.1190, 59.8335 by changing the saturation by 10% instead.

■ 53.5306, 57.1190,
59.8335

■ 53.5306, 57.1190,
59.8335

390.5451,
413.8951, 441.7714

■ 38.4557, 41.1008,
42.8600

94.5456, 100.6388,
106.1291

■ 26.5154, 28.3978,
29.4447

121.2164,
128.9092, 136.2883

■ 17.3443, 18.6258,
19.1690

152.4833,
162.0324, 171.6799

■ 10.5771, 11.4002,
11.6144

188.7115,
200.3929, 212.7223

■ 5.8484, 6.3367,
6.3624

230.2664,
244.3750, 259.8341

■ 2.7929, 3.0509,
2.9943

277.5134,

■ 1.0452, 1.1583,

294.3631, 313.4338

1.0917

330.8179,
350.7417, 373.9401

■ 0.0000, 0.0273,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.5306, 57.1190,
59.8335

■ 53.5306, 57.1190,
59.8335

■ 48.3999, 54.7197,
48.5690

■ 59.2179, 59.7735,
72.7076

■ 43.8032, 52.5604,
38.8471

■ 65.4738, 62.6832,
87.2473

■ 39.7233, 50.6355,
30.6017

■ 72.3157, 65.8575,
103.5081

■ 36.1404, 48.9361,
23.7603

■ 76.3700, 67.9476,
103.6978

■ 33.0330, 47.4530,
18.2446

■ 79.9454, 69.7907,
103.8651

■ 30.3780, 46.1762,
13.9682

■ 28.1500, 45.0947,
10.8347

■ 26.3206, 44.1962,
8.7334

■ 24.8566, 43.4666,
7.5317

Harmonies

Analogous

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



54.0468, 57.1190, 59.0841



53.5306, 57.1190, 59.8335



53.2191, 57.1190, 61.2207

Triad

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



53.5306, 57.1190, 59.8335



53.9494, 57.1190, 65.3312



55.4015, 57.1190, 61.4983

Complementary

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



53.5306, 57.1190, 59.8335



53.2313, 55.2077, 62.4970

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.



55.3749, 57.1190, 63.1753



53.5306, 57.1190, 59.8335



54.5337, 57.1190, 65.4088

Square

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



53.5306, 57.1190, 59.8335



53.4597, 57.1190, 64.4033



55.0563, 57.1190, 64.6135



55.1286, 57.1190, 60.0336

Rectangle

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



53.5306, 57.1190, 59.8335



53.1681, 57.1190, 62.3305



55.0563, 57.1190, 64.6135



55.4273, 57.1190, 62.0555

Sweetspot

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



53.5322, 57.1215, 59.8347



94.0812, 99.5477, 106.7258



53.8660, 56.6100, 59.7184



20.1475, 21.3121, 22.8666



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.



53.5322, 57.1215, 59.8347



92.1733, 98.6565, 102.4637



53.0686, 56.8759, 60.1089



11.5281, 12.3888, 12.7230



15.3283, 27.3973, 4.4803



0.8072, 1.3392, 0.2160

Inverse Universe

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



53.2313, 55.2077, 62.4970



91.5418, 94.6404, 108.0504



53.7036, 55.4579, 62.2144



11.4305, 11.7681, 13.5865



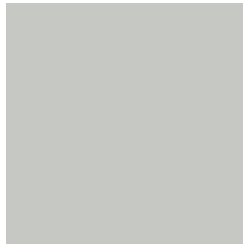
11.6619, 5.2462, 35.1423



0.6323, 0.2897, 1.6677

Previews

White Background



This preview shows how the XYZ color 53.5306, 57.1190, 59.8335 looks on a white background.

Color Contrast Check

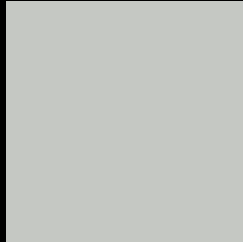
Large Text (above 18pt) WCAG AA × Fail

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 53.5306, 57.1190, 59.8335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

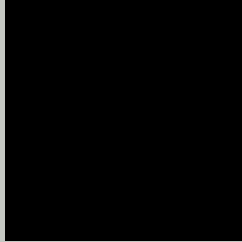
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

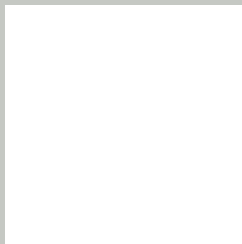
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5306, 57.1190, 59.8335

Background



This preview shows how black text looks on a background with the XYZ color 53.5306, 57.1190, 59.8335.



This preview shows how white text looks on a background with the XYZ color 53.5306, 57.1190,

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

53.5306, 57.1190, 59.8335

Protanopia

54.8335, 57.1206, 59.1743

Deuteranopia

58.0269, 56.7449, 60.1191



Tritanopia

55.7959, 57.0160, 71.0152

Trichromacy



Original Color

53.5306, 57.1190, 59.8335

Protanomaly

54.2484, 57.1594, 59.2126

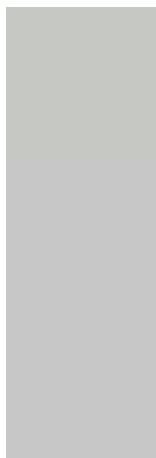
Deuteranomaly

56.3429, 56.8646, 60.2309

Tritanomaly

54.8878, 56.9865, 66.4991

Monochromacy



Original Color

53.5306, 57.1190, 59.8335

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.9052, 56.9298, 61.5735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5306, 57.1190, 59.8335 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, 200, 195)` looks like.

```
.text, #text, p{  
    color:rgb(197, 200, 195)  
}
```

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, 200, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 200, 195) }
```

Border

The CSS property to change the border of an element to XYZ 53.5306, 57.1190, 59.8335 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, 200, 195) }
```


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

```
.border{ border-color:rgb(197, 200, 195) }
```

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

Here you see how a box with a 4 pixel rgb(197, 200, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 200, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 200, 195);  
box-shadow:4px 4px 4px 4px rgb(197, 200,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5306, 57.1190, 59.8335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 200, 195) }
```

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

```
.background{ background-color: rgb(197,  
200, 195) }
```

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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