

Converting Colors

XYZ(53.7044, 57.3644, 56.1401)

Have a look what the booklet for
XYZ(53.7044, 57.3644, 56.1401)
contains.

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Color

**XYZ(53.6590, 57.2620,
56.3687)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C8BD
RGB	200, 200, 189
RGB Percent	78%, 78%, 74%
CMY	0.2157, 0.2157, 0.2588
CMYK	0.00, 0.00, 0.06, 0.22
HSL	60°, 9%, 76%
HSV	60°, 6%, 78%
XYZ	53.6590, 57.2620, 56.3687
YIQ	198.7460, 3.5310, -3.4210

Conversions

Conversions Part 2

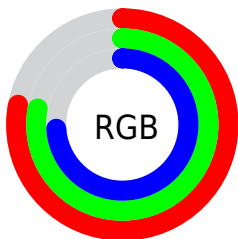
Format	Color
RYB	189, 200, 189
Decimal	13158589
CIELab	80.33, -1.96, 5.49
CIELCh	80, 5.828, 109.643
Yxy	57.2620, 0.3208, 0.3423
Android (android.graphics.Color)	4291348669 (0xFFC8C8BD)
YUV	198.7460, -4.8048, 1.0998
Hunter-Lab	75.6717, -5.8505, 8.8044

Details

The XYZ color **53.6590, 57.2620, 56.3687** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6114, 51.3857, 61.9502**, and the grayscale version is **54.1591, 56.9796, 62.0508**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **26.5769, 28.4463, 27.3825** is the 20% darker color. If you saturate the color by 10%, you get **51.6349, 56.4540, 45.7119**, and if you desaturate by 10%, it is **55.9858, 58.1948, 68.6049**.

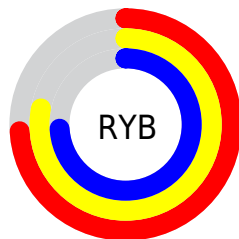
Distribution



Red (78%)

Green (78%)

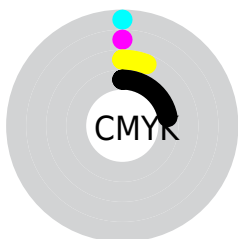
Blue (74%)



Red (74%)

Yellow (78%)

Blue (74%)

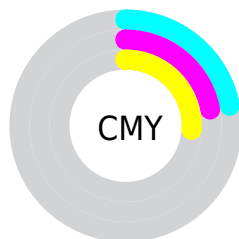


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6590, 57.2620, 56.3687 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 53.6590, 57.2620, 56.3687 by changing the saturation by 10% instead.

■ 53.6590, 57.2620,
56.3687

■ 53.6590, 57.2620,
56.3687

391.0279,
414.4303, 428.5068

■ 38.5587, 41.2156,
40.0926

■ 94.7332, 100.8474,
101.0346

■ 26.5958, 28.4876,
27.2964

121.4378,
129.1552, 130.2615

■ 17.4049, 18.6936,
17.5616

152.7412,
162.3189, 164.6425

■ 10.6207, 11.4491,
10.4695

189.0088,
200.7230, 204.5961

■ 5.8778, 6.3697,
5.6017

230.6059,
244.7517, 250.5407

■ 2.8109, 3.0712,
2.5396

277.8979,

■ 1.0545, 1.1690,

294.7896, 302.8950

0.8610

331.2501,
351.2210, 362.0775

■ 0.0000, 0.0362,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.6590, 57.2620,
56.3687

■ 53.6590, 57.2620,
56.3687

■ 51.6349, 56.4540,
45.7119

■ 55.9858, 58.1948,
68.6049

■ 49.8964, 55.7584,
36.5666

■ 58.6219, 59.2494,
82.4772

■ 48.4322, 55.1725,
28.8656

■ 61.5798, 60.4328,
98.0441

■ 47.2283, 54.6907,
22.5351

■ 62.5322, 60.8140,
103.0502

■ 46.2693, 54.3070,
17.4946

■ 62.5340, 60.8149,
103.0503

■ 45.5385, 54.0144,
13.6557

■ 62.5358, 60.8158,
103.0504

■ 45.0170, 53.8056,
10.9184

■ 62.5376, 60.8167,
103.0505

■ 44.6826, 53.6716,
9.1669

■ 62.5394, 60.8177,
103.0505

■ 44.5083, 53.6017,
8.2587

■ 62.5412, 60.8186,
103.0506

Harmonies

Analogous

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



54.8389, 57.2620, 56.1119



53.6590, 57.2620, 56.3687



52.6979, 57.2620, 58.1940

Triad

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



53.6590, 57.2620, 56.3687



52.9551, 57.2620, 67.4854



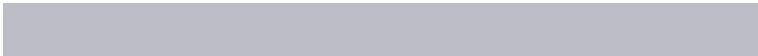
56.7117, 57.2620, 63.5361

Complementary

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



53.6590, 57.2620, 56.3687



49.6114, 51.3857, 61.9502

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.



56.1911, 57.2620, 66.6964



53.6590, 57.2620, 56.3687



54.0148, 57.2620, 69.0310

Square

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



53.6590, 57.2620, 56.3687



52.2957, 57.2620, 64.5812



55.1999, 57.2620, 68.7371



56.6130, 57.2620, 60.1680

Rectangle

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



53.6590, 57.2620, 56.3687



52.3052, 57.2620, 60.0929



55.1999, 57.2620, 68.7371



56.6030, 57.2620, 64.6600

Sweetspot

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



53.6606, 57.2645, 56.3699



94.2390, 99.6755, 104.6327



51.2041, 52.3501, 55.5508



20.1795, 21.3381, 22.4404



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.



53.6606, 57.2645, 56.3699



92.3058, 98.9021, 94.4607



52.2184, 56.5210, 56.3024



11.6089, 12.4510, 11.8011



28.2668, 34.0674, 5.0858



1.3385, 1.6131, 0.2408

Inverse Universe

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



49.6114, 51.3857, 61.9502



83.3548, 85.9067, 106.7961



51.0013, 52.1023, 62.0152



10.4207, 10.7259, 13.4386



6.6295, 2.6519, 34.9068



0.3140, 0.1256, 1.6528

Previews

White Background



This preview shows how the XYZ color 53.6590, 57.2620, 56.3687 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 53.6590, 57.2620, 56.3687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

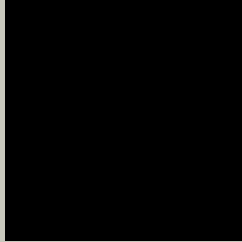
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

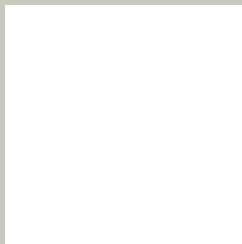
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6590, 57.2620, 56.3687

Background



This preview shows how black text looks on a background with the XYZ color 53.6590, 57.2620, 56.3687.



This preview shows how white text looks on a background with the XYZ color 53.6590, 57.2620,

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

53.6590, 57.2620, 56.3687

Protanopia

54.4480, 56.9981, 55.7090

Deuteranopia

58.3778, 56.9905, 57.2136



Tritanopia

56.4785, 57.3825, 70.3865

Trichromacy



Original Color

53.6590, 57.2620, 56.3687

Protanomaly

54.1291, 57.1742, 55.7598

Deuteranomaly

56.5409, 57.0441, 56.7458

Tritanomaly

55.4503, 57.3044, 65.2650

Monochromacy



Original Color

53.6590, 57.2620, 56.3687

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8269, 56.9291, 59.7812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6590, 57.2620, 56.3687 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(200, 200, 189)` looks like.

```
.text, #text, p{  
    color:rgb(200, 200, 189)  
}
```

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(200, 200, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 200, 189) }
```

Border

The CSS property to change the border of an element to XYZ 53.6590, 57.2620, 56.3687 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(200, 200, 189) }
```


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

```
.border{ border-color:rgb(200, 200, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 200, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 200, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 200, 189);  
box-shadow:4px 4px 4px 4px rgb(200, 200,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6590, 57.2620, 56.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 200, 189) }
```

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

```
.background{ background-color: rgb(200,  
200, 189) }
```

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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