

Converting Colors

XYZ(53.9342, 57.2946, 61.5631)

Have a look what the booklet for
XYZ(53.9342, 57.2946, 61.5631)
contains.

XYZ(53.8733, 57.2561, 61.6382)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(53.8733, 57.2561,
61.6382)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C8C6
RGB	197, 200, 198
RGB Percent	77%, 78%, 78%
CMY	0.2274, 0.2157, 0.2235
CMYK	0.02, 0.00, 0.01, 0.22
HSL	140°, 3%, 78%
HSV	140°, 2%, 78%
XYZ	53.8733, 57.2561, 61.6382
YIQ	198.8750, -1.1460, -1.2580

Conversions

Conversions Part 2

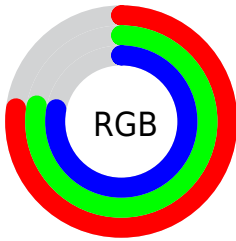
Format	Color
RYB	197, 199, 200
Decimal	12961990
CIELab	80.32, -1.40, 0.63
CIElCh	80, 1.530, 155.790
Yxy	57.2561, 0.3118, 0.3314
Android (android.graphics.Color)	4291152070 (0xFFC5C8C6)
YUV	198.8750, -0.4314, -1.6444
Hunter-Lab	75.6678, -5.3316, 4.6704

Details

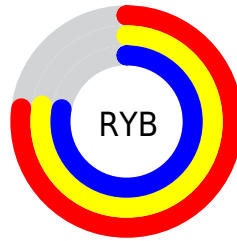
The XYZ color **53.8733, 57.2561, 61.6382** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0966, 56.3369, 62.0586**, and the grayscale version is **54.2141, 57.0375, 62.1138**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **26.6406, 28.4110, 30.4653** is the 20% darker color. If you saturate the color by 10%, you get **47.5082, 54.1464, 53.6587**, and if you desaturate by 10%, it is **61.0721, 60.7831, 70.3667**.

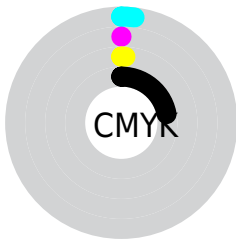
Distribution



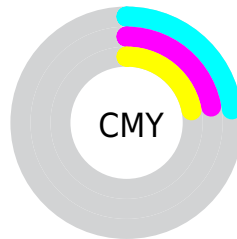
- Red (77%)
- Green (78%)
- Blue (78%)



- Red (77%)
- Yellow (78%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8733, 57.2561, 61.6382 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 53.8733, 57.2561, 61.6382 by changing the saturation by 10% instead.

■ 53.8733, 57.2561,
61.6382

■ 53.8733, 57.2561,
61.6382

391.8329,
414.4083, 448.5813

■ 38.7306, 41.2109,
44.3065

95.0462, 100.8388,
108.7690

■ 26.7300, 28.4839,
30.5726

121.8071,
129.1450, 139.4052

■ 17.5061, 18.6908,
20.0179

153.1715,
162.3071, 175.3132

■ 10.6935, 11.4470,
12.2238

189.5047,
200.7093, 216.9118

■ 5.9269, 6.3684,
6.7719

231.1721,
244.7362, 264.6193

■ 2.8409, 3.0703,
3.2436

278.5390,

■ 1.0702, 1.1686,

294.7720, 318.8544

1.2203

331.9709,
351.2013, 380.0355

■ 0.0000, 0.0358,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.8733, 57.2561,
61.6382

■ 53.8733, 57.2561,
61.6382

■ 47.5082, 54.1464,
53.6587

■ 61.0721, 60.7831,
70.3667

■ 41.9413, 51.4314,
46.4048

■ 69.1286, 64.7347,
79.8593

■ 37.1416, 49.0970,
39.8573

■ 77.3315, 68.7452,
90.1008

■ 33.0744, 47.1258,
33.9949

■ 79.3656, 69.5588,
100.8118

■ 29.7020, 45.4989,
28.7952

■ 79.9454, 69.7908,
103.8651

■ 26.9832, 44.1955,
24.2343

■ 24.8727, 43.1926,
20.2873

■ 23.3184, 42.4641,
16.9271

■ 22.2593, 41.9790,
14.1248

Harmonies

Analogous

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



54.0691, 57.2561, 60.9548



53.8733, 57.2561, 61.6382



53.8238, 57.2561, 62.5162

Triad

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



53.8733, 57.2561, 61.6382



54.4809, 57.2561, 64.0723



54.9097, 57.2561, 61.3399

Complementary

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



53.8733, 57.2561, 61.6382



54.0966, 56.3369, 62.0586

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.



55.0210, 57.2561, 62.1685



53.8733, 57.2561, 61.6382



54.7728, 57.2561, 63.7504

Square

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



53.8733, 57.2561, 61.6382



54.1738, 57.2561, 63.9270



54.9708, 57.2561, 63.0515



54.6673, 57.2561, 60.7838

Rectangle

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



53.8733, 57.2561, 61.6382



53.8803, 57.2561, 63.0949



54.9708, 57.2561, 63.0515



54.9637, 57.2561, 61.5955

Sweetspot

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



53.8749, 57.2586, 61.6394

95.0500, 100.0000, 108.9000



54.3010, 57.4915, 61.0592



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



53.8749, 57.2586, 61.6394



92.6556, 98.8283, 105.9542



54.0433, 57.3259, 62.5263



11.6941, 12.4601, 13.3745



13.8066, 26.5350, 7.9263



0.6875, 1.2699, 0.5531

Inverse Universe

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



54.0966, 56.3369, 62.0586



93.1723, 96.6802, 106.9312



53.9287, 56.2697, 61.1744



11.7543, 12.2097, 13.4884



17.8980, 8.9087, 15.2044



0.8801, 0.4349, 0.8915

Previews

White Background



This preview shows how the XYZ color 53.8733, 57.2561, 61.6382 looks on a white background.

Color Contrast Check

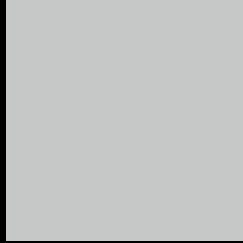
Large Text (above 18pt) WCAG AA × Fail

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 53.8733, 57.2561, 61.6382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

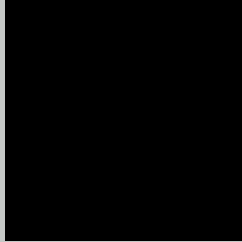
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

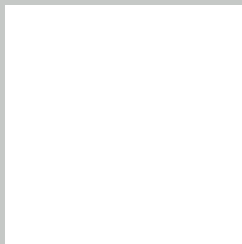
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8733, 57.2561, 61.6382

Background



This preview shows how black text looks on a background with the XYZ color 53.8733, 57.2561, 61.6382.



This preview shows how white text looks on a background with the XYZ color 53.8733, 57.2561,

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

53.8733, 57.2561, 61.6382

Protanopia

54.9007, 57.1159, 60.9542

Deuteranopia

58.2922, 57.1689, 61.9952



Tritanopia

55.7575, 57.3344, 71.0787

Trichromacy



Original Color

53.8733, 57.2561, 61.6382

Protanomaly

54.5889, 57.2956, 61.0053

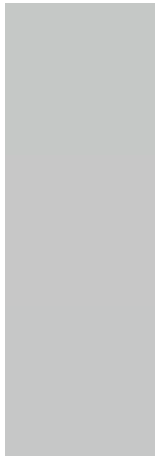
Deuteranomaly

56.6271, 57.3050, 62.1092

Tritanomaly

55.0973, 57.4067, 67.8512

Monochromacy



Original Color

53.8733, 57.2561, 61.6382

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.0209, 56.9761, 62.1831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8733, 57.2561, 61.6382 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 200, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 200, 198) }
```

Border

The CSS property to change the border of an element to XYZ 53.8733, 57.2561, 61.6382 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, 198) }
```

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

```
.border{ border-color:rgb(197, 200, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 200, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 200, 198);  
box-shadow:4px 4px 4px 4px rgb(197, 200,  
198) }
```


Background

The CSS property to change the background color of an element to XYZ 53.8733, 57.2561, 61.6382 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, 198) }
```

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

```
.background{ background-color: rgb(197,  
200, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor