

Converting Colors

XYZ(53.3238, 56.6368, 61.2457)

Have a look what the booklet for
XYZ(53.3238, 56.6368, 61.2457)
contains.

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Color

**XYZ(53.3814, 56.6598,
61.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C7C6
RGB	196, 199, 198
RGB Percent	77%, 78%, 78%
CMY	0.2314, 0.2196, 0.2235
CMYK	0.02, 0.00, 0.01, 0.22
HSL	160°, 3%, 77%
HSV	160°, 2%, 78%
XYZ	53.3814, 56.6598, 61.5490
YIQ	197.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

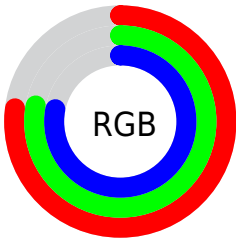
Format	Color
R _Y B	196, 198, 199
Decimal	12896198
CIE Lab	79.99, -1.21, 0.13
CIE LCh	80, 1.219, 173.937
Yxy	56.6598, 0.3111, 0.3302
Android (android.graphics.Color)	4291086278 (0xFFC4C7C6)
YUV	197.9890, 0.0054, -1.7444
Hunter-Lab	75.2727, -5.1398, 4.2106

Details

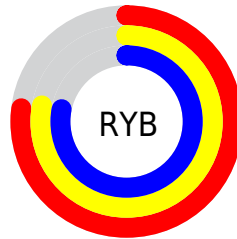
The XYZ color **53.3814, 56.6598, 61.5490** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3732, 55.6546, 60.7555**, and the grayscale version is **53.6718, 56.4669, 61.4924**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **26.3148, 28.0152, 30.4061** is the 20% darker color. If you saturate the color by 10%, you get **47.7947, 53.8680, 57.3729**, and if you desaturate by 10%, it is **59.6916, 59.8238, 65.9370**.

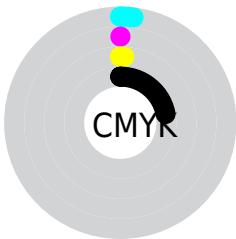
Distribution



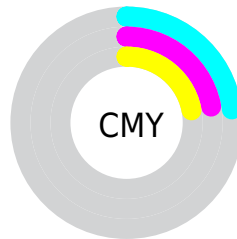
- Red (77%)
- Green (78%)
- Blue (78%)



- 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 53.3814, 56.6598, 61.5490 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 53.3814, 56.6598, 61.5490 by changing the saturation by 10% instead.

■ 53.3814, 56.6598,
61.5490

■ 53.3814, 56.6598,
61.5490

389.9836,
412.1733, 448.2462

■ 38.3360, 40.7322,
44.2349

94.3276, 99.9686,
108.6387

■ 26.4220, 28.1099,
30.5167

120.9591,
128.1186, 139.2514

■ 17.2739, 18.4085,
19.9757

152.1834,
161.1115, 175.1342

■ 10.5265, 11.2437,
12.1935

188.3658,
199.3317, 216.7054

■ 5.8143, 6.2310,
6.7515

229.8717,
243.1636, 264.3837

■ 2.7721, 2.9860,
3.2311

277.0663,

■ 1.0344, 1.1244,

292.9915, 318.5875

1.2138

330.3152,
349.2000, 379.7356

■ 0.0000, 0.0000,
0.0000

■ 53.3814, 56.6598,
61.5490

■ 53.3814, 56.6598,
61.5490

■ 47.7947, 53.8680,
57.3729

■ 59.6916, 59.8238,
65.9370

■ 42.8995, 51.4273,
53.4015

■ 66.7461, 63.3661,
70.5366

■ 38.6683, 49.3251,
49.6324

■ 74.3122, 67.1681,
75.3402

■ 35.0700, 47.5454,
46.0619

■ 75.1997, 67.5231,
80.0134

■ 32.0709, 46.0709,
42.6859

■ 76.1224, 67.8922,
84.8725

■ 29.6341, 44.8827,
39.5004

■ 77.0808, 68.2755,
89.9195

■ 27.7185, 43.9595,
36.5009

■ 78.0753, 68.6733,
95.1564

■ 26.2770, 43.2773,
33.6828

■ 79.1063, 69.0857,
100.5854

■ 25.2536, 42.8071,
31.0408

■ 79.7145, 69.3290,
103.7882

Harmonies

Analogous

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



53.4695, 56.6598, 60.8937



53.3814, 56.6598, 61.5490



53.4195, 56.6598, 62.2478

Triad

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



53.3814, 56.6598, 61.5490



54.0468, 56.6598, 62.9475



54.1342, 56.6598, 60.5972

Complementary

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



53.3814, 56.6598, 61.5490



53.3732, 55.6546, 60.7555

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.



54.2898, 56.6598, 61.1413



53.3814, 56.6598, 61.5490



54.2392, 56.6598, 62.4990

Square

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



53.3814, 56.6598, 61.5490



53.8032, 56.6598, 63.0587



54.3283, 56.6598, 61.8370



53.9037, 56.6598, 60.3469

Rectangle

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



53.3814, 56.6598, 61.5490



53.5113, 56.6598, 62.6438



54.3283, 56.6598, 61.8370



54.1970, 56.6598, 60.7516

Sweetspot

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



53.3830, 56.6622, 61.5502

95.0500, 100.0000, 108.9000



53.4282, 56.7120, 60.3559



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.



53.3830, 56.6622, 61.5502



92.9254, 98.9363, 107.3751



53.3956, 56.5017, 62.1273



11.7255, 12.4727, 13.5402



15.8759, 27.3627, 18.8230



0.7844, 1.3087, 1.0631

Inverse Universe

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



53.3732, 55.6546, 60.7555



92.9025, 96.5723, 105.5104



53.3604, 55.8123, 60.1858



11.7228, 12.1971, 13.3228



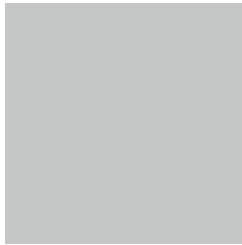
15.8233, 8.0789, 4.2796



0.7830, 0.3961, 0.3806

Previews

White Background



This preview shows how the XYZ color 53.3814, 56.6598, 61.5490 looks on a white background.

Color Contrast Check

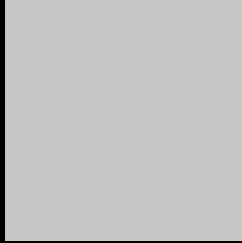
Large Text (above 18pt) WCAG AA × Fail

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 53.3814, 56.6598, 61.5490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

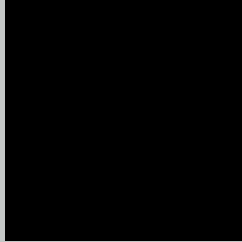
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

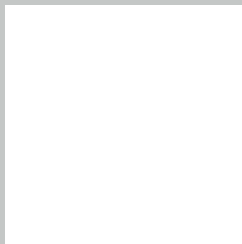
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3814, 56.6598, 61.5490

Background



This preview shows how black text looks on a background with the XYZ color 53.3814, 56.6598, 61.5490.



This preview shows how white text looks on a background with the XYZ color 53.3814, 56.6598,

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

53.3814, 56.6598, 61.5490

Protanopia

54.4014, 56.5203, 60.8656

Deuteranopia

57.7737, 56.5745, 61.9078



Tritanopia

55.1386, 56.6917, 70.3238

Trichromacy



Original Color

53.3814, 56.6598, 61.5490

Protanomaly

54.0915, 56.6987, 60.9163

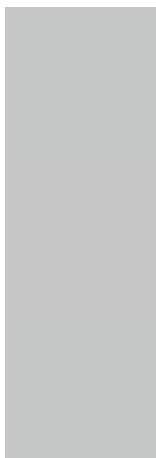
Deuteranomaly

56.1184, 56.7090, 62.0210

Tritanomaly

54.4825, 56.7635, 67.1164

Monochromacy



Original Color

53.3814, 56.6598, 61.5490

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.4131, 56.3357, 61.4848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3814, 56.6598, 61.5490 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(196, 199, 198) looks like.

```
.text, #text, p{  
    color:rgb(196, 199, 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(196, 199, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 199, 198) }
```

Border

The CSS property to change the border of an element to XYZ 53.3814, 56.6598, 61.5490 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(196, 199, 198) }
```

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

```
.border{ border-color:rgb(196, 199, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 199, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 199, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 199, 198);  
box-shadow:4px 4px 4px 4px rgb(196, 199,  
198) }
```


Background

The CSS property to change the background color of an element to XYZ 53.3814, 56.6598, 61.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 199, 198) }
```

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

```
.background{ background-color: rgb(196,  
199, 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](#).

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