

Converting Colors

XYZ(53.8063, 56.8615, 60.8812)

Have a look what the booklet for
XYZ(53.8063, 56.8615, 60.8812)
contains.

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Color

**XYZ(53.7902, 56.8838,
60.9680)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C7C5
RGB	198, 199, 197
RGB Percent	78%, 78%, 77%
CMY	0.2235, 0.2196, 0.2274
CMYK	0.01, 0.00, 0.01, 0.22
HSL	90°, 2%, 78%
HSV	90°, 1%, 78%
XYZ	53.7902, 56.8838, 60.9680
YIQ	198.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

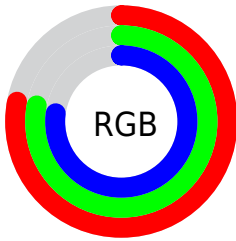
Format	Color
RYB	197, 199, 198
Decimal	13027269
CIELab	80.11, -0.71, 0.87
CIELCh	80, 1.120, 129.127
Yxy	56.8838, 0.3134, 0.3314
Android (android.graphics.Color)	4291217349 (0xFFC6C7C5)
YUV	198.4730, -0.7262, -0.4148
Hunter-Lab	75.4213, -4.6819, 4.8670

Details

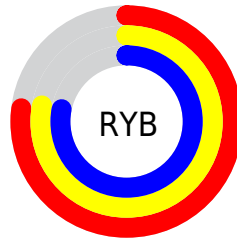
The XYZ color **53.7902, 56.8838, 60.9680** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5659, 56.0633, 62.0337**, and the grayscale version is **53.9700, 56.7806, 61.8341**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **26.5849, 28.1633, 30.0215** is the 20% darker color. If you saturate the color by 10%, you get **49.1181, 54.7232, 49.6216**, and if you desaturate by 10%, it is **58.9394, 59.2588, 73.9105**.

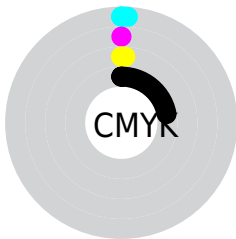
Distribution



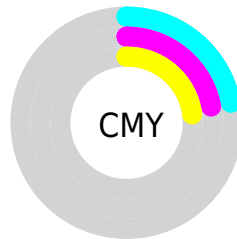
- Red (78%)
- Green (78%)
- Blue (77%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7902, 56.8838, 60.9680 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 53.7902, 56.8838, 60.9680 by changing the saturation by 10% instead.

■ 53.7902, 56.8838,
60.9680

■ 53.7902, 56.8838,
60.9680

391.5209,
413.0138, 446.0600

■ 38.6640, 40.9120,
43.7690

94.9248, 100.2956,
107.7897

■ 26.6780, 28.2503,
30.1531

121.6639,
128.5044, 138.2494

■ 17.4668, 18.5144,
19.7017

153.0047,
161.5609, 173.9664

■ 10.6653, 11.3199,
11.9965

189.3125,
199.8496, 215.3593

■ 5.9078, 6.2825,
6.6188

230.9526,
243.7548, 262.8465

■ 2.8292, 3.0176,
3.1501

278.2905,

■ 1.0641, 1.1409,

293.6610, 316.8467

1.1718

331.6915,
349.9525, 377.7783

■ 0.0000, 0.0126,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.7902, 56.8838,
60.9680

■ 53.7902, 56.8838,
60.9680

■ 49.1181, 54.7232,
49.6216

■ 58.9394, 59.2588,
73.9105

■ 44.9034, 52.7633,
39.8058

■ 64.5753, 61.8471,
88.5037

■ 41.1319, 50.9999,
31.4560

■ 70.4376, 64.5466,
103.3540

■ 37.7865, 49.4258,
24.5017

■ 73.6894, 66.2229,
103.5062

■ 34.8492, 48.0333,
18.8663

■ 77.1263, 67.9947,
103.6670

■ 32.3005, 46.8141,
14.4661

■ 79.7145, 69.3290,
103.7882

■ 30.1186, 45.7592,
11.2078

■ 28.2794, 44.8583,
8.9847

■ 26.7546, 44.0997,
7.6699

Harmonies

Analogous

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



53.9968, 56.8838, 60.7055



53.7902, 56.8838, 60.9680



53.6578, 56.8838, 61.4906

Triad

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



53.7902, 56.8838, 60.9680



53.9103, 56.8838, 63.1172



54.5003, 56.8838, 61.7379

Complementary

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



53.7902, 56.8838, 60.9680



53.5659, 56.0633, 62.0337

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.



54.4770, 56.8838, 62.3852



53.7902, 56.8838, 60.9680



54.1359, 56.8838, 63.1846

Square

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



53.7902, 56.8838, 60.9680



53.7270, 56.8838, 62.7324



54.3434, 56.8838, 62.9158



54.4071, 56.8838, 61.1480

Rectangle

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



53.7902, 56.8838, 60.9680



53.6292, 56.8838, 61.9177



54.3434, 56.8838, 62.9158



54.5058, 56.8838, 61.9559

Sweetspot

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



53.7918, 56.8862, 60.9692

95.0500, 100.0000, 108.9000



53.8274, 56.5636, 60.9051



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.



53.7918, 56.8862, 60.9692



94.1738, 99.5954, 106.7301



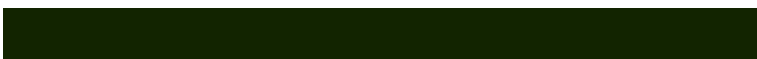
53.5291, 56.7508, 60.9569



11.8711, 12.5496, 13.4650



16.5665, 28.0356, 4.5383



0.8680, 1.3706, 0.2188

Inverse Universe

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



53.5659, 56.0633, 62.0337



93.7751, 98.1432, 108.6088



53.8304, 56.1997, 62.0461



11.8247, 12.3804, 13.6839



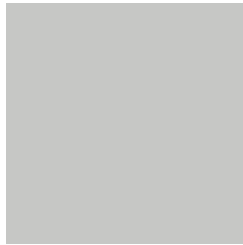
10.0850, 4.4333, 35.0685



0.5611, 0.2530, 1.6644

Previews

White Background



This preview shows how the XYZ color 53.7902, 56.8838, 60.9680 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 53.7902, 56.8838, 60.9680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

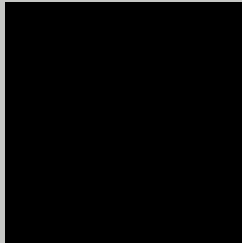
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

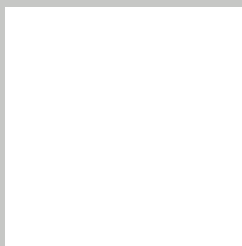
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7902, 56.8838, 60.9680

Background



This preview shows how black text looks on a background with the XYZ color 53.7902, 56.8838, 60.9680.



This preview shows how white text looks on a background with the XYZ color 53.7902, 56.8838,

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

53.7902, 56.8838, 60.9680

Protanopia

54.7865, 57.0702, 60.3526

Deuteranopia

57.9561, 56.6819, 61.3122



Tritanopia

55.6693, 56.9653, 70.3487

Trichromacy



Original Color

53.7902, 56.8838, 60.9680

Protanomaly

54.2453, 56.7912, 60.3273

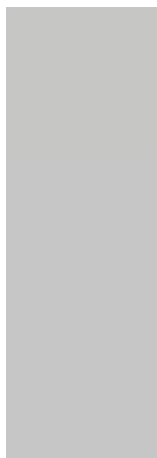
Deuteranomaly

56.5721, 56.9563, 61.4381

Tritanomaly

55.0098, 57.0353, 67.1411

Monochromacy



Original Color

53.7902, 56.8838, 60.9680

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.6758, 56.4712, 61.4971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7902, 56.8838, 60.9680 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(198, 199, 197) looks like.

```
.text, #text, p{  
    color:rgb(198, 199, 197)  
}
```

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(198, 199, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 199, 197) }
```

Border

The CSS property to change the border of an element to XYZ 53.7902, 56.8838, 60.9680 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(198, 199, 197) }
```

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

```
.border{ border-color:rgb(198, 199, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 199, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 199, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 199, 197);  
box-shadow:4px 4px 4px 4px rgb(198, 199,  
197) }
```


Background

The CSS property to change the background color of an element to XYZ 53.7902, 56.8838, 60.9680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 199, 197) }
```

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

```
.background{ background-color: rgb(198,  
199, 197) }
```

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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