

Converting Colors

XYZ(53.4880, 54.9283, 60.1880)

Have a look what the booklet for
XYZ(53.4880, 54.9283, 60.1880)
contains.

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Color

**XYZ(53.6127, 55.1257,
60.0392)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC2C4
RGB	202, 194, 196
RGB Percent	79%, 76%, 77%
CMY	0.2078, 0.2392, 0.2314
CMYK	0.00, 0.04, 0.03, 0.21
HSL	345°, 7%, 78%
HSV	345°, 4%, 79%
XYZ	53.6127, 55.1257, 60.0392
YIQ	196.6200, 4.1260, 2.3180

Conversions

Conversions Part 2

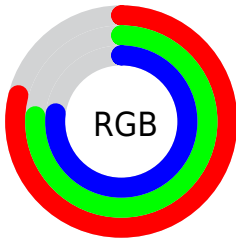
Format	Color
R _Y B	202, 194, 196
Decimal	13288132
CIE Lab	79.11, 3.15, -0.02
CIE LCh	79, 3.151, 359.724
Yxy	55.1257, 0.3177, 0.3266
Android (android.graphics.Color)	4291478212 (0xFFCAC2C4)
YUV	196.6200, -0.3057, 4.7183
Hunter-Lab	74.2467, -1.0388, 4.0281

Details

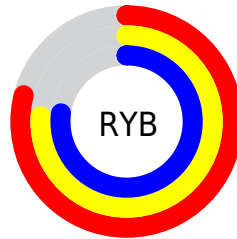
The XYZ color **53.6127, 55.1257, 60.0392** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7961, 57.8819, 62.9834**, and the grayscale version is **52.8432, 55.5952, 60.5432**.

A 20% lighter version of the original color is **93.1552, 96.7231, 106.6881**, and **26.4733, 27.0051, 29.4084** is the 20% darker color. If you saturate the color by 10%, you get **47.7803, 46.0833, 50.0092**, and if you desaturate by 10%, it is **60.2336, 65.4648, 71.1933**.

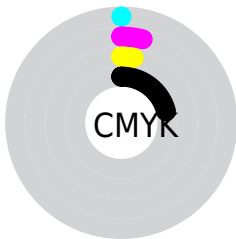
Distribution



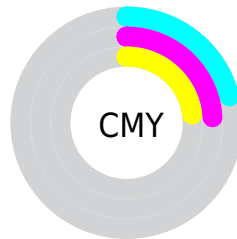
- Red (79%)
- Green (76%)
- Blue (77%)



- Red (79%)
- Yellow (76%)
- Blue (77%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6127, 55.1257, 60.0392 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 53.6127, 55.1257, 60.0392 by changing the saturation by 10% instead.

■ 53.6127, 55.1257,
60.0392

■ 53.6127, 55.1257,
60.0392

390.8539,
406.3882, 442.5509

■ 38.5215, 39.5024,
43.0247

■ 94.6656, 97.7251,
106.4305

■ 26.5668, 27.1508,
29.5730

121.3580,
125.4700, 136.6443

■ 17.3830, 17.6865,
19.2654

152.6482,
158.0241, 172.0951

■ 10.6049, 10.7251,
11.6835

188.9016,
195.7720, 213.2012

■ 5.8672, 5.8823,
6.4086

230.4835,
239.0979, 260.3814

■ 2.8044, 2.7737,
3.0223

277.7593,

■ 1.0512, 1.0147,

288.3864, 314.0540

1.1060

331.0943,
344.0217, 374.6377

■ 0.0000, 0.0000,
0.0000

■ 53.6127, 55.1257,
60.0392

■ 53.6127, 55.1257,
60.0392

■ 47.7803, 46.0833,
50.0092

■ 60.2336, 65.4648,
71.1933

■ 42.7022, 38.2794,
41.0645

■ 67.6664, 77.1416,
83.5016

■ 38.3484, 31.6620,
33.1692

■ 75.9393, 90.2042,
96.9975

■ 34.6850, 26.1725,
26.2839

■ 78.1674, 91.2967,
108.1099

■ 31.6756, 21.7476,
20.3669

■ 29.2801, 18.3173,
15.3735

■ 27.4539, 15.8035,
11.2550

■ 26.1462, 14.1162,
7.9581

■ 25.2962, 13.1466,
5.4228

Harmonies

Analogous

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



53.4456, 55.1257, 61.7838



53.6127, 55.1257, 60.0392



53.4515, 55.1257, 58.3233

Triad

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



53.6127, 55.1257, 60.0392



51.7986, 55.1257, 57.0677



51.7886, 55.1257, 63.0603

Complementary

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



53.6127, 55.1257, 60.0392



53.7961, 57.8819, 62.9834

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.



51.3532, 55.1257, 61.7544



53.6127, 55.1257, 60.0392



51.3589, 55.1257, 58.2950

Square

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



53.6127, 55.1257, 60.0392



52.4011, 55.1257, 56.6288



51.1965, 55.1257, 60.0058



52.3895, 55.1257, 63.5492

Rectangle

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



53.6127, 55.1257, 60.0392



53.1802, 55.1257, 57.4214



51.1965, 55.1257, 60.0058



51.6182, 55.1257, 62.7010

Sweetspot

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



53.6143, 55.1281, 60.0404



93.9353, 98.2612, 107.0163



53.7736, 55.1298, 63.6847



20.1178, 21.0503, 22.9258



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.



53.6143, 55.1281, 60.0404



89.6143, 91.5323, 99.6778



53.8364, 55.9336, 59.0007



11.8282, 12.0393, 13.1097



16.0805, 8.2428, 2.8765



0.8609, 0.4378, 0.3134

Inverse Universe

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



53.6143, 55.1281, 60.0404



89.6143, 91.5323, 99.6778



53.5650, 57.0438, 64.0651



11.8282, 12.0393, 13.1097



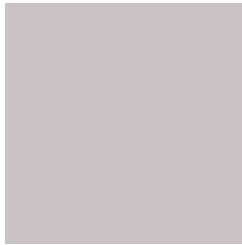
16.0805, 8.2428, 2.8765



0.8609, 0.4378, 0.3134

Previews

White Background



This preview shows how the XYZ color 53.6127, 55.1257, 60.0392 looks on a white background.

Color Contrast Check

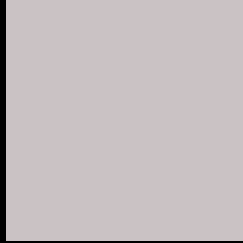
Large Text (above 18pt) WCAG AA × Fail

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 53.6127, 55.1257, 60.0392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

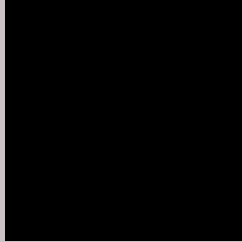
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

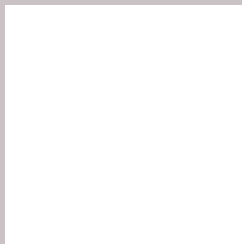
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6127, 55.1257, 60.0392

Background



This preview shows how black text looks on a background with the XYZ color 53.6127, 55.1257, 60.0392.

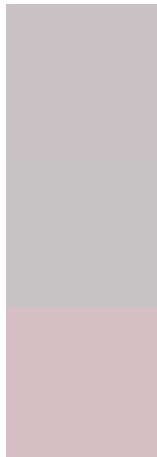


This preview shows how white text looks on a background with the XYZ color 53.6127, 55.1257,

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

53.6127, 55.1257, 60.0392

Protanopia

53.1463, 55.2035, 60.6776

Deuteranopia

56.2231, 55.1543, 60.5059



Tritanopia

55.0140, 55.0416, 66.7560

Trichromacy



Original Color

53.6127, 55.1257, 60.0392

Protanomaly

53.4126, 55.3408, 60.6900

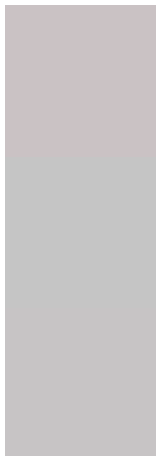
Deuteranomaly

55.2872, 54.9945, 60.5244

Tritanomaly

54.4781, 55.1482, 64.2733

Monochromacy



Original Color

53.6127, 55.1257, 60.0392

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.3712, 55.6532, 60.7525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6127, 55.1257, 60.0392 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(202, 194, 196) looks like.

```
.text, #text, p{  
    color:rgb(202, 194, 196)  
}
```

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(202, 194, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 194, 196) }
```

Border

The CSS property to change the border of an element to XYZ 53.6127, 55.1257, 60.0392 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(202, 194, 196) }
```


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

```
.border{ border-color:rgb(202, 194, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 194, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 194, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 194, 196);  
box-shadow:4px 4px 4px 4px rgb(202, 194,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6127, 55.1257, 60.0392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 194, 196) }
```

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

```
.background{ background-color: rgb(202,  
194, 196) }
```

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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