

Converting Colors

XYZ(53.4531, 55.4972, 62.1411)

Have a look what the booklet for
XYZ(53.4531, 55.4972, 62.1411)
contains.

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Color

**XYZ(53.6019, 55.7455,
61.9677)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C4C7
RGB	199, 196, 199
RGB Percent	78%, 77%, 78%
CMY	0.2196, 0.2314, 0.2196
CMYK	0.00, 0.02, 0.00, 0.22
HSL	300°, 3%, 77%
HSV	300°, 2%, 78%
XYZ	53.6019, 55.7455, 61.9677
YIQ	197.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

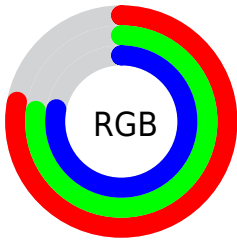
Format	Color
R _Y B	199, 196, 199
Decimal	13092039
CIE Lab	79.47, 1.59, -1.14
CIE LCh	79, 1.959, 324.391
Yxy	55.7455, 0.3129, 0.3254
Android (android.graphics.Color)	4291282119 (0xFFC7C4C7)
YUV	197.2390, 0.8682, 1.5444
Hunter-Lab	74.6629, -2.5116, 3.0553

Details

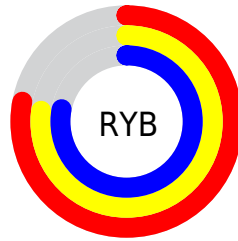
The XYZ color **53.6019, 55.7455, 61.9677** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1544, 56.5697, 60.3449**, and the grayscale version is **53.2112, 55.9823, 60.9648**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **26.4609, 27.4101, 30.6841** is the 20% darker color. If you saturate the color by 10%, you get **49.4079, 47.3574, 60.5705**, and if you desaturate by 10%, it is **58.3944, 65.3291, 63.5658**.

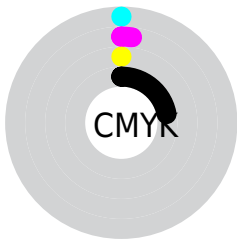
Distribution



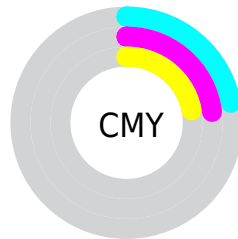
- Red (78%)
- Green (77%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6019, 55.7455, 61.9677 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 53.6019, 55.7455, 61.9677 by changing the saturation by 10% instead.

■ 53.6019, 55.7455,
61.9677

■ 53.6019, 55.7455,
61.9677

390.8133,
408.7317, 449.8177

■ 38.5129, 39.9989,
44.5710

94.6498, 98.6324,
109.2500

■ 26.5600, 27.5377,
30.7792

121.3394,
126.5414, 139.9726

■ 17.3779, 17.9775,
20.1737

152.6265,
159.2735, 175.9743

■ 10.6013, 10.9338,
12.3360

188.8766,
197.2128, 217.6737

■ 5.8647, 6.0223,
6.8477

230.4550,
240.7440, 265.4891

■ 2.8029, 2.8587,
3.2900

277.7270,

■ 1.0504, 1.0584,

290.2512, 319.8392

1.2446

331.0579,
346.1190, 381.1426

■ 0.0000, 0.0000,
0.0157

■ 0.0000, 0.0000,
0.0000

■ 53.6019, 55.7455,
61.9677

■ 53.6019, 55.7455,
61.9677

■ 49.4079, 47.3574,
60.5705

■ 58.3944, 65.3291,
63.5658

■ 45.7844, 40.1110,
59.3628

■ 63.8027, 76.1451,
65.3684

■ 42.7082, 33.9594,
58.3375

■ 69.6238, 87.7866,
67.3086

■ 40.1528, 28.8491,
57.4859

■ 69.6243, 87.7868,
67.3087

38.0892, 24.7227,
56.7981

69.6247, 87.7870,
67.3087

36.4860, 21.5170,
56.2639

69.6252, 87.7872,
67.3087

35.3079, 19.1613,
55.8713

69.6256, 87.7875,
67.3087

34.5144, 17.5750,
55.6069

69.6260, 87.7877,
67.3087

34.0574, 16.6617,
55.4547

69.6265, 87.7879,
67.3088

Harmonies

Analogous

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



53.2975, 55.7455, 62.6922



53.6019, 55.7455, 61.9677



53.7409, 55.7455, 60.9094

Triad

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



53.6019, 55.7455, 61.9677



53.0584, 55.7455, 58.5665



52.2984, 55.7455, 61.5966

Complementary

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



53.6019, 55.7455, 61.9677



53.1544, 56.5697, 60.3449

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.



52.2351, 55.7455, 60.4859



53.6019, 55.7455, 61.9677



52.6726, 55.7455, 58.7453

Square

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



53.6019, 55.7455, 61.9677



53.4261, 55.7455, 58.9528



52.3717, 55.7455, 59.4445



52.5451, 55.7455, 62.4760

Rectangle

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



53.6019, 55.7455, 61.9677



53.7206, 55.7455, 60.1604



52.3717, 55.7455, 59.4445



52.2550, 55.7455, 61.2375

Sweetspot

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



53.6035, 55.7479, 61.9689

95.0500, 100.0000, 108.9000



52.8275, 55.3646, 61.9358



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.



53.6035, 55.7479, 61.9689



93.4444, 96.7890, 108.3648



53.4361, 55.6810, 61.0873



11.7860, 12.2224, 13.6555



21.7712, 10.4577, 35.6154



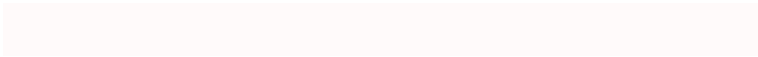
1.0309, 0.4952, 1.6864

Inverse Universe

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



53.2590, 55.6101, 60.1544



92.6342, 96.4650, 104.0979



53.3200, 56.6359, 61.2176



11.6916, 12.1846, 13.1580



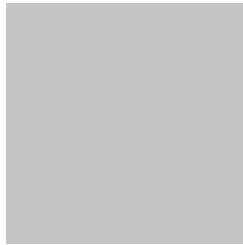
15.1453, 7.8077, 0.7092



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 53.6019, 55.7455, 61.9677 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 53.6019, 55.7455, 61.9677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

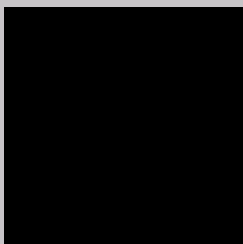
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

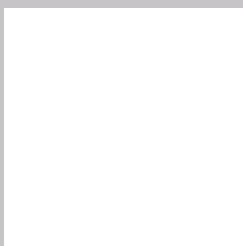
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6019, 55.7455, 61.9677

Background



This preview shows how black text looks on a background with the XYZ color 53.6019, 55.7455, 61.9677.

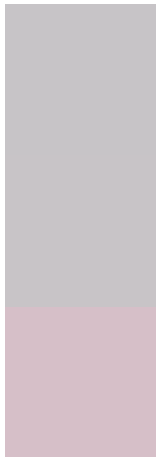


This preview shows how white text looks on a background with the XYZ color 53.6019, 55.7455,

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

53.6019, 55.7455, 61.9677

Protanopia

53.8681, 55.8827, 61.9801

Deuteranopia

56.7877, 55.7279, 62.4071



Tritanopia

55.0120, 55.6542, 68.8157

Trichromacy



Original Color

53.6019, 55.7455, 61.9677

Protanomaly

53.8681, 55.8827, 61.9801

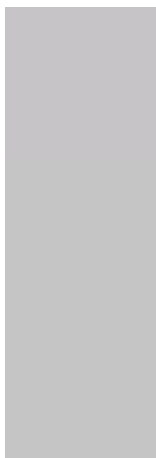
Deuteranomaly

55.7898, 55.8654, 62.4862

Tritanomaly

54.4751, 55.7658, 66.2852

Monochromacy



Original Color

53.6019, 55.7455, 61.9677

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.4480, 56.0155, 61.4211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6019, 55.7455, 61.9677 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(199, 196, 199)` looks like.

```
.text, #text, p{  
    color:rgb(199, 196, 199)  
}
```

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(199, 196, 199) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 53.6019, 55.7455, 61.9677 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(199, 196, 199) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 53.6019, 55.7455, 61.9677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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