

Converting Colors

XYZ(53.7627, 56.7882, 49.2019)

Have a look what the booklet for
XYZ(53.7627, 56.7882, 49.2019)
contains.

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Color

**XYZ(53.7627, 56.7882,
49.2019)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC6B0
RGB	207, 198, 176
RGB Percent	81%, 78%, 69%
CMY	0.1882, 0.2235, 0.3098
CMYK	0.00, 0.04, 0.15, 0.19
HSL	43°, 24%, 75%
HSV	43°, 15%, 81%
XYZ	53.7627, 56.7882, 49.2019
YIQ	198.1830, 12.4260, -4.9340

Conversions

Conversions Part 2

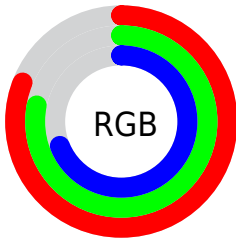
Format	Color
RYB	189, 207, 176
Decimal	13616816
CIELab	80.06, -0.54, 12.15
CIELCh	80, 12.159, 92.568
Yxy	56.7882, 0.3365, 0.3555
Android (android.graphics.Color)	4291806896 (0xFFCFC6B0)
YUV	198.1830, -10.9362, 7.7325
Hunter-Lab	75.3579, -4.5290, 14.0396

Details

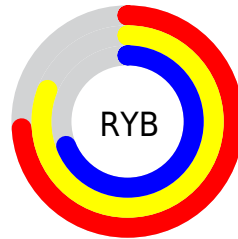
The XYZ color **53.7627, 56.7882, 49.2019** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.5157, 48.4320, 65.9286**, and the grayscale version is **53.8482, 56.6525, 61.6946**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **26.6853, 28.1489, 22.7657** is the 20% darker color. If you saturate the color by 10%, you get **50.5234, 53.3408, 38.7762**, and if you desaturate by 10%, it is **57.3719, 60.4745, 61.2932**.

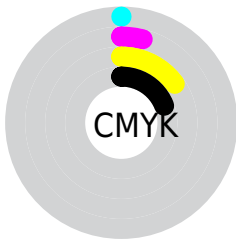
Distribution



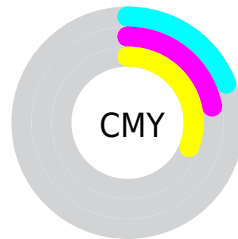
- Red (81%)
- Green (78%)
- Blue (69%)



- Red (74%)
- Yellow (81%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (19%)





- Cyan (19%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7627, 56.7882, 49.2019 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 53.7627, 56.7882, 49.2019 by changing the saturation by 10% instead.


 53.7627, 56.7882,
49.2019

 53.7627, 56.7882,
49.2019


391.4176,
412.6552, 400.1819

 38.6419, 40.8352,
34.4129


 94.8847, 100.1561,
90.3753

 26.6607, 28.1903,
22.9311


121.6165,
128.3398, 117.5969

 17.4538, 18.4692,
14.3378


152.9495,
161.3691, 149.7997

 10.6559, 11.2874,
8.2146

189.2488,
199.6286, 187.4024

 5.9015, 6.2605,
4.1428

230.8800,
243.5025, 230.8234

 2.8254, 3.0041,
1.7040

278.2082,

 1.0621, 1.1339,

293.3754, 280.4813

0.3635

331.5990,
349.6314, 336.7946

■ 0.0000, 0.0067,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.7627, 56.7882,
49.2019

■ 53.7627, 56.7882,
49.2019

■ 50.5234, 53.3408,
38.7762

■ 57.3719, 60.4745,
61.2932

■ 47.6346, 50.1178,
29.9379

■ 61.3603, 64.3987,
75.1160

■ 45.0822, 47.1145,
22.6081

■ 65.7424, 68.5694,
90.7375

■ 42.8488, 44.3230,
16.6995

■ 69.9122, 72.7453,
104.9642

■ 40.9157, 41.7346,
12.1160

■ 71.5366, 75.9940,
105.5057

■ 39.2617, 39.3397,
8.7494

■ 73.2183, 79.3574,
106.0662

■ 37.8623, 37.1276,
6.4741

■ 74.9580, 82.8369,
106.6462

■ 36.6878, 35.0852,
5.1372

■ 76.7563, 86.4334,
107.2456

■ 36.1555, 34.1119,
4.6787

■ 78.6137, 90.1482,
107.8647

Harmonies

Analogous

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



56.1958, 56.7882, 50.5165



53.7627, 56.7882, 49.2019



51.4561, 56.7882, 51.0517

Triad

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



53.7627, 56.7882, 49.2019



50.0666, 56.7882, 69.4567



58.3067, 56.7882, 68.3209

Complementary

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



53.7627, 56.7882, 49.2019



46.5157, 48.4320, 65.9286

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.



56.5758, 56.7882, 74.0338



53.7627, 56.7882, 49.2019



51.8144, 56.7882, 74.7239

Square

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



53.7627, 56.7882, 49.2019



49.3633, 56.7882, 62.4449



54.1888, 56.7882, 76.4589



58.8664, 56.7882, 61.2245

Rectangle

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



53.7627, 56.7882, 49.2019



50.2871, 56.7882, 53.9194



54.1888, 56.7882, 76.4589



57.8400, 56.7882, 70.4846

Sweetspot

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



53.7642, 56.7907, 49.2031



92.5139, 97.4864, 100.1670



50.0468, 47.8323, 52.6607



19.7021, 20.7664, 21.0993



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.



53.7642, 56.7907, 49.2031



84.4181, 89.1827, 73.1512



54.1835, 60.1506, 49.8295



12.5016, 13.1938, 12.4998



22.8644, 21.6617, 2.9760



1.3449, 1.3441, 0.1886

Inverse Universe

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



46.5157, 48.4320, 65.9286



70.6056, 73.2555, 105.0262



46.1272, 45.5259, 65.3882



11.4392, 11.9686, 14.9509



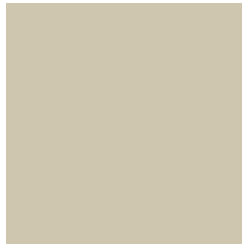
8.1874, 5.0214, 37.7302



0.5263, 0.4178, 2.1325

Previews

White Background



This preview shows how the XYZ color 53.7627, 56.7882, 49.2019 looks on a white background.

Color Contrast Check

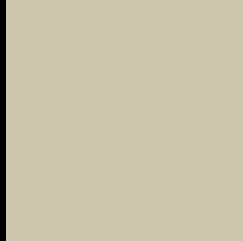
Large Text (above 18pt) WCAG AA × Fail

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 53.7627, 56.7882, 49.2019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

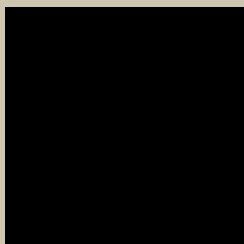
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

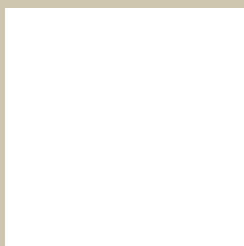
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7627, 56.7882, 49.2019

Background



This preview shows how black text looks on a background with the XYZ color 53.7627, 56.7882, 49.2019.



This preview shows how white text looks on a background with the XYZ color 53.7627, 56.7882,

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

53.7627, 56.7882, 49.2019

Protanopia

53.7627, 56.7882, 49.2019

Deuteranopia

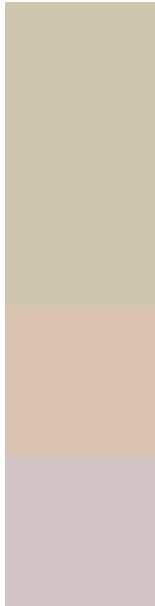
57.6180, 56.4435, 49.4529



Tritanopia

57.3191, 56.5429, 67.5673

Trichromacy



Original Color

53.7627, 56.7882, 49.2019

Protanomaly

53.7627, 56.7882, 49.2019

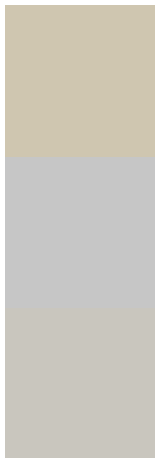
Deuteranomaly

56.1410, 56.6633, 49.5731

Tritanomaly

56.0573, 56.7174, 60.2176

Monochromacy



Original Color

53.7627, 56.7882, 49.2019

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5757, 56.5234, 56.8016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7627, 56.7882, 49.2019 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(207, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(207, 198, 176)  
}
```

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(207, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 198, 176) }
```

Border

The CSS property to change the border of an element to XYZ 53.7627, 56.7882, 49.2019 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(207, 198, 176) }
```


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

```
.border{ border-color:rgb(207, 198, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 198, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(207, 198,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7627, 56.7882, 49.2019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 198, 176) }
```

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

```
.background{ background-color: rgb(207,  
198, 176) }
```

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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