

Converting Colors

XYZ(52.8258, 52.8514, 55.8570)

Have a look what the booklet for
XYZ(52.8258, 52.8514, 55.8570)
contains.

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Color

**XYZ(53.0096, 52.9495,
56.1416)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBCBE
RGB	207, 188, 190
RGB Percent	81%, 74%, 75%
CMY	0.1882, 0.2627, 0.2549
CMYK	0.00, 0.09, 0.08, 0.19
HSL	354°, 17%, 77%
HSV	354°, 9%, 81%
XYZ	53.0096, 52.9495, 56.1416
YIQ	193.9090, 10.6820, 4.6500

Conversions

Conversions Part 2

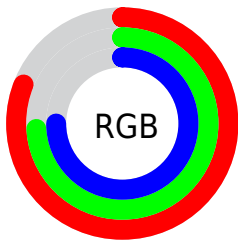
Format	Color
R _Y B	207, 188, 190
Decimal	13614270
CIE Lab	77.85, 7.06, 1.43
CIE LCh	78, 7.206, 11.417
Yxy	52.9495, 0.3270, 0.3266
Android (android.graphics.Color)	4291804350 (0xFFCFBCBE)
YUV	193.9090, -1.9271, 11.4808
Hunter-Lab	72.7664, 2.6943, 5.1924

Details

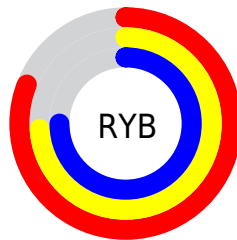
The XYZ color **53.0096, 52.9495, 56.1416** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0733, 59.7261, 66.4388**, and the grayscale version is **51.2322, 53.9002, 58.6974**.

A 20% lighter version of the original color is **90.2252, 92.6152, 100.3099**, and **26.3162, 25.9064, 27.2803** is the 20% darker color. If you saturate the color by 10%, you get **47.0033, 43.9733, 44.7772**, and if you desaturate by 10%, it is **59.9105, 63.3018, 69.0751**.

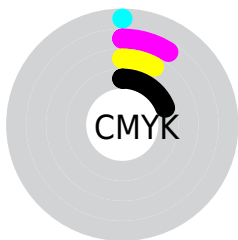
Distribution



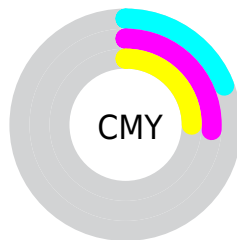
- Red (81%)
- Green (74%)
- Blue (75%)



- Red (81%)
- Yellow (74%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (8%)
- Black (19%)



- Cyan (19%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0096, 52.9495, 56.1416 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 53.0096, 52.9495, 56.1416 by changing the saturation by 10% instead.

■ 53.0096, 52.9495,
56.1416

■ 53.0096, 52.9495,
56.1416

388.5822,
398.0913, 427.6282

■ 38.0379, 37.7625,
39.9117

■ 93.7839, 94.5301,
100.6994

■ 26.1895, 25.7984,
27.1564

120.3173,
121.6924, 129.8645

■ 17.0989, 16.6729,
17.4573

151.4353,
153.6152, 164.1783

■ 10.4008, 10.0015,
10.3957

187.5033,
190.6830, 204.0594

■ 5.7298, 5.4000,
5.5531

228.8867,
233.2801, 249.9265

■ 2.7206, 2.4838,
2.5109

275.9507,

■ 1.0078, 0.8685,

281.7909, 302.1979

0.8459

329.0607,
336.5999, 361.2923

■ 0.0000, 0.0000,
0.0000

■ 53.0096, 52.9495,
56.1416

■ 53.0096, 52.9495,
56.1416

■ 47.0033, 43.9733,
44.7772

■ 59.9105, 63.3018,
69.0751

■ 41.8506, 36.3086,
34.9189

■ 67.7360, 75.0774,
83.6308

■ 37.5141, 29.8961,
26.5044

■ 76.5201, 88.3299,
99.8634

■ 33.9516, 24.6691,
19.4657

■ 79.5424, 92.0055,
108.1743

■ 31.1174, 20.5549,
13.7296

■ 28.9608, 17.4727,
9.2156

■ 27.4244, 15.3306,
5.8345

■ 26.4416, 14.0207,
3.4849

■ 25.9084, 13.3655,
2.0397

Harmonies

Analogous

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



52.9196, 52.9495, 60.1427



53.0096, 52.9495, 56.1416



52.3709, 52.9495, 52.7059

Triad

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



53.0096, 52.9495, 56.1416



48.5685, 52.9495, 52.0673



49.4747, 52.9495, 65.2668

Complementary

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



53.0096, 52.9495, 56.1416



54.0733, 59.7261, 66.4388

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.



48.3368, 52.9495, 62.9003



53.0096, 52.9495, 56.1416



47.8203, 52.9495, 55.2330

Square

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



53.0096, 52.9495, 56.1416



49.7964, 52.9495, 50.4274



47.7363, 52.9495, 59.1913



50.8612, 52.9495, 65.5378

Rectangle

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



53.0096, 52.9495, 56.1416



51.6247, 52.9495, 51.1500



47.7363, 52.9495, 59.1913



49.0511, 52.9495, 64.6851

Sweetspot

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



53.0111, 52.9518, 56.1427



91.5751, 94.7827, 102.4006



54.3644, 53.4221, 66.4783



19.4070, 19.9965, 21.5547



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.



53.0111, 52.9518, 56.1427



82.9640, 81.8783, 86.2193



54.3895, 56.0554, 55.5328



11.8585, 11.8281, 12.5308



16.3190, 8.4005, 1.3203



0.9300, 0.4767, 0.1661

Inverse Universe

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



53.0111, 52.9518, 56.1427



82.9640, 81.8783, 86.2193



52.5921, 56.3756, 67.1418



11.8585, 11.8281, 12.5308



16.3190, 8.4005, 1.3203



0.9300, 0.4767, 0.1661

Previews

White Background



This preview shows how the XYZ color 53.0096, 52.9495, 56.1416 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 53.0096, 52.9495, 56.1416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

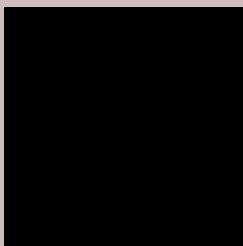
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0096, 52.9495, 56.1416

Background



This preview shows how black text looks on a background with the XYZ color 53.0096, 52.9495, 56.1416.



This preview shows how white text looks on a background with the XYZ color 53.0096, 52.9495,

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

53.0096, 52.9495, 56.1416

Protanopia

51.1290, 53.2408, 57.4509

Deuteranopia

54.0045, 52.8326, 56.0666



Tritanopia

54.3960, 52.8902, 62.6002

Trichromacy



Original Color

53.0096, 52.9495, 56.1416

Protanomaly

51.8542, 53.3026, 56.8456

Deuteranomaly

53.6429, 52.9600, 56.1102

Tritanomaly

53.8608, 52.9818, 60.2111

Monochromacy



Original Color

53.0096, 52.9495, 56.1416

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.0285, 53.6916, 58.0734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0096, 52.9495, 56.1416 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, 188, 190)` looks like.

```
.text, #text, p{  
    color:rgb(207, 188, 190)  
}
```

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, 188, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 188, 190) }
```

Border

The CSS property to change the border of an element to XYZ 53.0096, 52.9495, 56.1416 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, 188, 190) }
```


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

```
.border{ border-color:rgb(207, 188, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 188, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 188, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 188, 190);  
box-shadow:4px 4px 4px 4px rgb(207, 188,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0096, 52.9495, 56.1416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 188, 190) }
```

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

```
.background{ background-color: rgb(207,  
188, 190) }
```

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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