

Converting Colors

XYZ(52.7382, 56.2025, 51.0363)

Have a look what the booklet for
XYZ(52.7382, 56.2025, 51.0363)
contains.

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Color

**XYZ(52.7894, 56.2400,
51.2531)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC6B4
RGB	202, 198, 180
RGB Percent	79%, 78%, 71%
CMY	0.2078, 0.2235, 0.2941
CMYK	0.00, 0.02, 0.11, 0.21
HSL	49°, 17%, 75%
HSV	49°, 11%, 79%
XYZ	52.7894, 56.2400, 51.2531
YIQ	197.1440, 8.1620, -4.7500

Conversions

Conversions Part 2

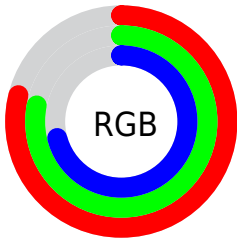
Format	Color
RYB	185, 202, 180
Decimal	13289140
CIELab	79.75, -1.72, 9.51
CIElCh	80, 9.662, 100.246
Yxy	56.2400, 0.3294, 0.3509
Android (android.graphics.Color)	4291479220 (0xFFCAC6B4)
YUV	197.1440, -8.4520, 4.2587
Hunter-Lab	74.9933, -5.5884, 11.9744

Details

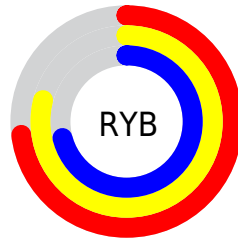
The XYZ color **52.7894, 56.2400, 51.2531** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6234, 48.2476, 62.7330**, and the grayscale version is **53.2052, 55.9760, 60.9578**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **26.0168, 27.7747, 24.0685** is the 20% darker color. If you saturate the color by 10%, you get **50.0518, 53.8211, 40.9172**, and if you desaturate by 10%, it is **55.8504, 58.8245, 63.1778**.

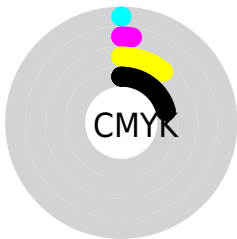
Distribution



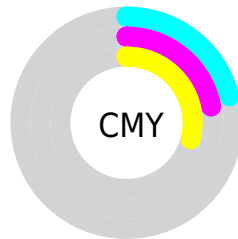
- Red (79%)
- Green (78%)
- Blue (71%)



- Red (73%)
- Yellow (79%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (21%)



- Cyan (21%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7894, 56.2400, 51.2531 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 52.7894, 56.2400, 51.2531 by changing the saturation by 10% instead.

■ 52.7894, 56.2400,
51.2531

■ 52.7894, 56.2400,
51.2531

387.7507,
410.5953, 408.4209

■ 37.8615, 40.3954,
36.0319

■ 93.4618, 99.3554,
93.4441

■ 26.0519, 27.8470,
24.1690

119.9369,
127.3950, 121.2511

■ 16.9954, 18.2103,
15.2457

150.9918,
160.2683, 154.0904

■ 10.3265, 11.1011,
8.8434

186.9919,
198.3598, 192.3805

■ 5.6799, 6.1349,
4.5438

228.3025,
242.0539, 236.5401

■ 2.6902, 2.9273,
1.9282

275.2889,

■ 0.9921, 1.0939,

291.7349, 286.9877

0.5106

328.3165,
347.7872, 344.1418

■ 0.0000, 0.0000,
0.0000

■ 52.7894, 56.2400,
51.2531

■ 52.7894, 56.2400,
51.2531

■ 50.0518, 53.8211,
40.9172

■ 55.8504, 58.8245,
63.1778

■ 47.6199, 51.5549,
32.0983

■ 59.2423, 61.5722,
76.7516

■ 45.4812, 49.4380,
24.7248

■ 62.9785, 64.4906,
92.0361

■ 43.6205, 47.4642,
18.7173

■ 66.1214, 67.2048,
104.0946

■ 42.0214, 45.6266,
13.9894

■ 67.0530, 69.0679,
104.4051

■ 40.6652, 43.9175,
10.4443

■ 68.0055, 70.9730,
104.7226

■ 39.5309, 42.3283,
7.9716

■ 68.9792, 72.9204,
105.0472

■ 38.5933, 40.8487,
6.4401

■ 69.9742, 74.9103,
105.3788

■ 37.8686, 39.5792,
5.6437

■ 70.9905, 76.9430,
105.7176

Harmonies

Analogous

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



54.7333, 56.2400, 51.6638



52.7894, 56.2400, 51.2531



51.0654, 56.2400, 53.3904

Triad

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



52.7894, 56.2400, 51.2531



50.6398, 56.2400, 68.4483



57.0662, 56.2400, 64.9420

Complementary

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



52.7894, 56.2400, 51.2531



46.6234, 48.2476, 62.7330

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.



55.9168, 56.2400, 69.8144



52.7894, 56.2400, 51.2531



52.1956, 56.2400, 71.9226

Square

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



52.7894, 56.2400, 51.2531



49.8445, 56.2400, 63.1683



54.1250, 56.2400, 72.4372



57.2346, 56.2400, 59.3431

Rectangle

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



52.7894, 56.2400, 51.2531



50.2609, 56.2400, 56.0535



54.1250, 56.2400, 72.4372



56.7804, 56.2400, 66.7281

Sweetspot

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



52.7909, 56.2425, 51.2543



93.4009, 98.6337, 102.3946



49.3343, 48.6619, 52.1590



19.8992, 21.0344, 21.5538



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.



52.7909, 56.2425, 51.2543



88.2739, 94.2642, 82.5442



51.8736, 57.1435, 51.4766



11.9738, 12.7366, 11.9068



24.4277, 25.5883, 3.6516



1.3065, 1.4127, 0.2038

Inverse Universe

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



46.6234, 48.2476, 62.7330



75.8362, 78.1418, 105.6936



47.4680, 47.4682, 62.5380



10.7638, 11.1681, 14.1587



7.3270, 3.6779, 36.2800



0.4293, 0.2924, 1.8887

Previews

White Background



This preview shows how the XYZ color 52.7894, 56.2400, 51.2531 looks on a white background.

Color Contrast Check

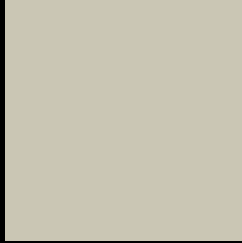
Large Text (above 18pt) WCAG AA × Fail

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 52.7894, 56.2400, 51.2531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

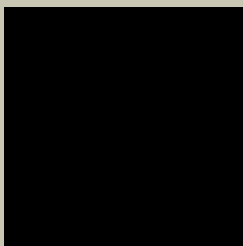
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

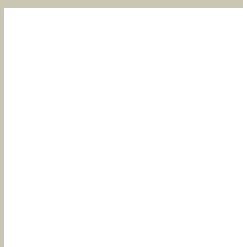
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7894, 56.2400, 51.2531

Background



This preview shows how black text looks on a background with the XYZ color 52.7894, 56.2400, 51.2531.



This preview shows how white text looks on a background with the XYZ color 52.7894, 56.2400,

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

52.7894, 56.2400, 51.2531

Protanopia

53.2798, 56.1663, 50.6809

Deuteranopia

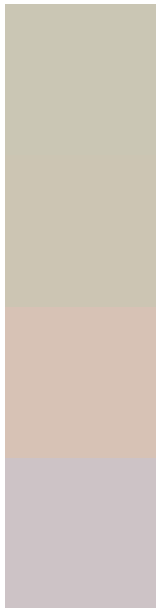
57.4027, 56.2858, 51.5549



Tritanopia

56.2540, 56.3088, 68.2254

Trichromacy



Original Color

52.7894, 56.2400, 51.2531

Protanomaly

53.0048, 56.0245, 50.6680

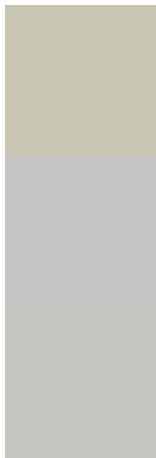
Deuteranomaly

55.6566, 56.3668, 51.6625

Tritanomaly

54.8850, 56.0866, 61.3591

Monochromacy



Original Color

52.7894, 56.2400, 51.2531

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.9234, 55.8362, 57.2783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7894, 56.2400, 51.2531 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, 198, 180)` looks like.

```
.text, #text, p{  
    color:rgb(202, 198, 180)  
}
```

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, 198, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 198, 180) }
```

Border

The CSS property to change the border of an element to XYZ 52.7894, 56.2400, 51.2531 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, 198, 180) }
```


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

```
.border{ border-color:rgb(202, 198, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 198, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 198, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 198, 180);  
box-shadow:4px 4px 4px 4px rgb(202, 198,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7894, 56.2400, 51.2531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 198, 180) }
```

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

```
.background{ background-color: rgb(202,  
198, 180) }
```

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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