

Converting Colors

XYZ(55.7474, 56.4372, 50.6031)

Have a look what the booklet for
XYZ(55.7474, 56.4372, 50.6031)
contains.

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Color

**XYZ(55.7474, 56.4372,
50.6031)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C2B3
RGB	216, 194, 179
RGB Percent	85%, 76%, 70%
CMY	0.1529, 0.2392, 0.2980
CMYK	0.00, 0.10, 0.17, 0.15
HSL	24°, 32%, 77%
HSV	24°, 17%, 85%
XYZ	55.7474, 56.4372, 50.6031
YIQ	198.8680, 17.9270, -0.0010

Conversions

Conversions Part 2

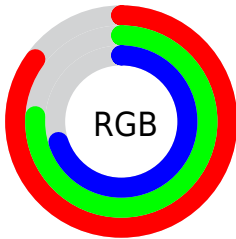
Format	Color
RYB	216, 204, 179
Decimal	14205619
CIELab	79.86, 5.34, 10.36
CIELCh	80, 11.655, 62.747
Yxy	56.4372, 0.3425, 0.3467
Android (android.graphics.Color)	4292395699 (0xFFD8C2B3)
YUV	198.8680, -9.7949, 15.0248
Hunter-Lab	75.1247, 0.9904, 12.6503

Details

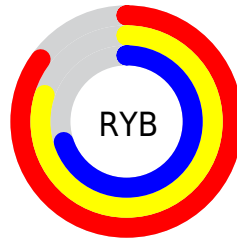
The XYZ color **55.7474, 56.4372, 50.6031** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8714, 56.3136, 73.1019**, and the grayscale version is **54.2570, 57.0826, 62.1629**.

A 20% lighter version of the original color is **90.4210, 95.6294, 92.2899**, and **27.8419, 27.8396, 23.6448** is the 20% darker color. If you saturate the color by 10%, you get **50.9966, 50.1618, 39.0727**, and if you desaturate by 10%, it is **61.0905, 63.3485, 64.0206**.

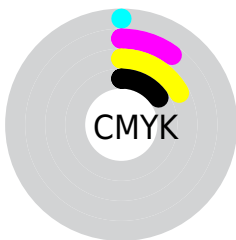
Distribution



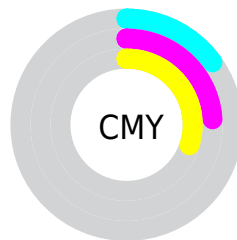
- Red (85%)
- Green (76%)
- Blue (70%)



- Red (85%)
- Yellow (80%)
- Blue (70%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (15%)





- Cyan (15%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7474, 56.4372, 50.6031 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 55.7474, 56.4372, 50.6031 by changing the saturation by 10% instead.


 55.7474, 56.4372,
50.6031

 55.7474, 56.4372,
50.6031


398.8293,
411.3371, 405.8222

 40.2366, 40.5536,
35.5183


 97.7771, 99.6435,
92.4733

 27.9081, 27.9704,
23.7757


125.0268,
127.7350, 120.0958

 18.3965, 18.3034,
14.9566


156.9201,
160.6645, 152.7346

 11.3364, 11.1680,
8.6427

193.8225,
198.8165, 190.8082

 6.3626, 6.1799,
4.4152

236.0992,
242.5754, 234.7353

 3.1095, 2.9548,
1.8558

284.1157,

 1.2119, 1.1082,

292.3255, 284.9343

0.4644

338.2373,
348.4513, 341.8237

■ 0.1158, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7474, 56.4372,
50.6031

■ 55.7474, 56.4372,
50.6031

■ 50.9966, 50.1618,
39.0727

■ 61.0905, 63.3485,
64.0206

■ 46.8114, 44.4959,
29.3399

■ 67.0421, 70.9061,
79.4018

■ 43.1697, 39.4222,
21.3137

■ 73.6236, 79.1295,
96.8233

■ 40.0461, 34.9199,
14.8931

■ 79.1332, 87.3472,
107.2967

■ 37.4127, 30.9664,
9.9667

■ 82.1291, 93.3390,
108.2953

■ 35.2386, 27.5375,
6.4083

■ 33.4887, 24.6066,
4.0707

■ 32.1180, 22.1425,
2.7592

■ 31.7755, 21.5117,
2.4774

Harmonies

Analogous

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



57.5509, 56.4372, 54.6833



55.7474, 56.4372, 50.6031



53.4246, 56.4372, 49.3588

Triad

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



55.7474, 56.4372, 50.6031



49.2345, 56.4372, 62.0757



56.1349, 56.4372, 73.0455

Complementary

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



55.7474, 56.4372, 50.6031



51.8714, 56.3136, 73.1019

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.



53.8597, 56.4372, 75.3715



55.7474, 56.4372, 50.6031



49.9140, 56.4372, 68.7542

Square

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



55.7474, 56.4372, 50.6031



49.7069, 56.4372, 55.6878



51.5900, 56.4372, 73.7469



57.7792, 56.4372, 67.5977

Rectangle

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



55.7474, 56.4372, 50.6031



51.9058, 56.4372, 50.2246



51.5900, 56.4372, 73.7469



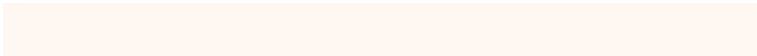
55.4162, 56.4372, 74.2358

Sweetspot

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



55.7489, 56.4397, 50.6043



90.6941, 94.4648, 97.6548



55.0058, 51.0664, 62.3401



19.2852, 20.0570, 20.5766



0.0000, 0.0000, 0.0000



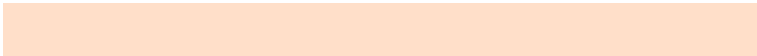
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.7489, 56.4397, 50.6043



78.2676, 78.3621, 66.5365



60.0747, 65.0913, 52.0462



12.8326, 13.2393, 13.0398



18.9075, 12.9322, 1.4996



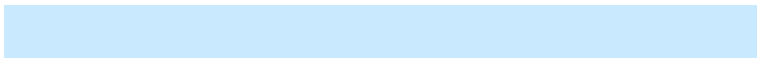
1.2205, 0.9403, 0.1172

Inverse Universe

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



51.8714, 56.3136, 73.1019



71.4781, 78.1390, 105.9228



47.8575, 48.2857, 71.7640



12.3502, 13.2239, 15.8391



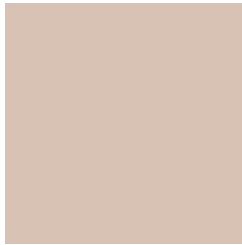
12.0453, 12.3525, 40.2026



0.8068, 0.9057, 2.4516

Previews

White Background



This preview shows how the XYZ color 55.7474, 56.4372, 50.6031 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 55.7474, 56.4372, 50.6031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

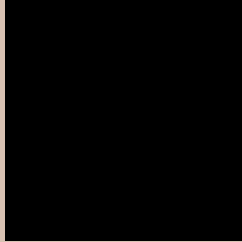
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7474, 56.4372, 50.6031

Background



This preview shows how black text looks on a background with the XYZ color 55.7474, 56.4372, 50.6031.



This preview shows how white text looks on a background with the XYZ color 55.7474, 56.4372, 50.6031.

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

55.7474, 56.4372, 50.6031

Protanopia

53.7603, 56.3905, 51.7670

Deuteranopia

57.6095, 56.4042, 51.0308



Tritanopia

58.6463, 56.2948, 65.5326

Trichromacy



Original Color

55.7474, 56.4372, 50.6031

Protanomaly

54.5565, 56.4768, 51.2057

Deuteranomaly

56.9066, 56.3667, 51.0606

Tritanomaly

57.5080, 56.1526, 60.0321

Monochromacy



Original Color

55.7474, 56.4372, 50.6031

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.6575, 56.7174, 57.9360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7474, 56.4372, 50.6031 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(216, 194, 179) looks like.

```
.text, #text, p{  
    color:rgb(216, 194, 179)  
}
```

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(216, 194, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 194, 179) }
```

Border

The CSS property to change the border of an element to XYZ 55.7474, 56.4372, 50.6031 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(216, 194, 179) }
```


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

```
.border{ border-color:rgb(216, 194, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 194, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 194, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 194, 179);  
box-shadow:4px 4px 4px 4px rgb(216, 194,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7474, 56.4372, 50.6031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 194, 179) }
```

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

```
.background{ background-color: rgb(216,  
194, 179) }
```

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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