

Converting Colors

XYZ(56.5556, 57.1510, 54.5060)

Have a look what the booklet for
XYZ(56.5556, 57.1510, 54.5060)
contains.

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Color

**XYZ(56.4024, 57.0225,
54.4881)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C3BA
RGB	215, 195, 186
RGB Percent	84%, 76%, 73%
CMY	0.1569, 0.2353, 0.2706
CMYK	0.00, 0.09, 0.13, 0.16
HSL	19°, 27%, 79%
HSV	19°, 13%, 84%
XYZ	56.4024, 57.0225, 54.4881
YIQ	199.9540, 14.8090, 1.4410

Conversions

Conversions Part 2

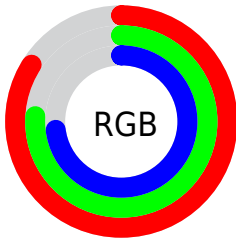
Format	Color
RYP	215, 199, 186
Decimal	14140346
CIELab	80.19, 5.55, 7.06
CIElCh	80, 8.981, 51.860
Yxy	57.0225, 0.3359, 0.3396
Android (android.graphics.Color)	4292330426 (0xFFD7C3BA)
YUV	199.9540, -6.8793, 13.1953
Hunter-Lab	75.5132, 1.1772, 10.0774

Details

The XYZ color **56.4024, 57.0225, 54.4881** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5865, 59.4868, 72.8956**, and the grayscale version is **54.9074, 57.7668, 62.9081**.

A 20% lighter version of the original color is **92.0774, 97.2916, 97.9306**, and **28.2557, 28.2168, 26.1474** is the 20% darker color. If you saturate the color by 10%, you get **51.1286, 49.8612, 42.2892**, and if you desaturate by 10%, it is **62.3531, 64.9860, 68.6107**.

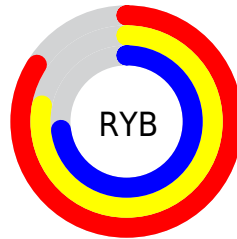
Distribution



Red (84%)

Green (76%)

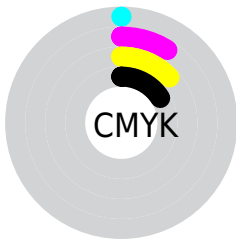
Blue (73%)



Red (84%)

Yellow (78%)

Blue (73%)

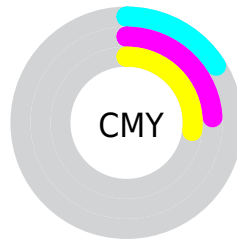


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (16%)



Cyan (16%)


Magenta (24%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4024, 57.0225, 54.4881 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 56.4024, 57.0225, 54.4881 by changing the saturation by 10% instead.


 56.4024, 57.0225,
54.4881

 56.4024, 57.0225,
54.4881


401.2567,
413.5336, 421.1957

 40.7639, 41.0233,
38.5962


 98.7291, 100.4980,
98.2542

 28.3215, 28.3373,
26.1403

126.1480,
128.7431, 126.9654

 18.7098, 18.5801,
16.7019

158.2244,
161.8390, 160.7868

 11.5636, 11.3672,
9.8625

195.3237,
200.1700, 200.1370

 6.5173, 6.3144,
5.2035

237.8112,
244.1206, 245.4344

 3.2057, 3.0372,
2.3063

286.0523,

 1.2635, 1.1512,

294.0751, 297.0976

0.7348

340.4124,
350.4180, 355.5452

■ 0.1556, 0.0213,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4024, 57.0225,
54.4881

■ 56.4024, 57.0225,
54.4881

■ 51.1286, 49.8612,
42.2892

■ 62.3531, 64.9860,
68.6107

■ 46.5020, 43.4693,
31.9266

■ 68.9996, 73.7683,
84.7320

■ 42.4979, 37.8227,
23.3113

■ 76.3657, 83.3949,
102.9274

■ 39.0878, 32.8931,
16.3457

■ 81.6129, 92.7439,
108.2076

■ 36.2408, 28.6506,
10.9223

■ 81.8346, 93.1872,
108.2815

■ 33.9231, 25.0625,
6.9206

■ 32.0965, 22.0936,
4.2022

■ 30.7165, 19.7042,
2.5998

■ 30.0172, 18.4324,
1.9757

Harmonies

Analogous

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



57.5329, 57.0225, 58.4076



56.4024, 57.0225, 54.4881



54.6984, 57.0225, 52.6290

Triad

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



56.4024, 57.0225, 54.4881



50.7861, 57.0225, 60.6706



55.5201, 57.0225, 71.9270

Complementary

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



56.4024, 57.0225, 54.4881



54.5865, 59.4868, 72.8956

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.



53.7010, 57.0225, 72.6171



56.4024, 57.0225, 54.4881



50.9949, 57.0225, 65.9195

Square

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



56.4024, 57.0225, 54.4881



51.4752, 57.0225, 56.0648



52.0521, 57.0225, 70.3632



57.0155, 57.0225, 68.5275

Rectangle

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



56.4024, 57.0225, 54.4881



53.4776, 57.0225, 52.7309



52.0521, 57.0225, 70.3632



54.9252, 57.0225, 72.4909

Sweetspot

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



56.4040, 57.0250, 54.4893



91.2481, 94.9548, 99.7450



56.7610, 54.0365, 66.0229



19.3818, 20.1259, 20.9925



0.0000, 0.0000, 0.0000



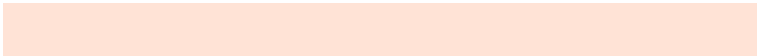
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4040, 57.0250, 54.4893



80.8361, 80.9911, 75.1247



59.7375, 63.6921, 55.6005



12.7347, 13.0436, 13.0072



18.0371, 11.1915, 1.2095



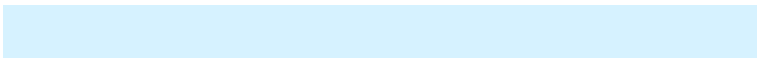
1.1609, 0.8209, 0.0973

Inverse Universe

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



54.5865, 59.4868, 72.8956



77.6911, 85.2485, 106.9676



51.3220, 52.9577, 71.8075



12.4518, 13.4270, 15.8729



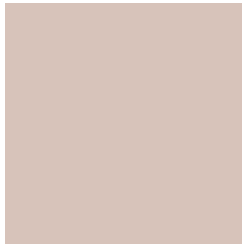
13.7917, 15.8453, 40.7847



0.9040, 1.1000, 2.4840

Previews

White Background



This preview shows how the XYZ color 56.4024, 57.0225, 54.4881 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 56.4024, 57.0225, 54.4881 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 56.4024, 57.0225, 54.4881

Background



This preview shows how black text looks on a background with the XYZ color 56.4024, 57.0225, 54.4881.



This preview shows how white text looks on a background with the XYZ color 56.4024, 57.0225,

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

56.4024, 57.0225, 54.4881

Protanopia

54.4480, 56.9981, 55.7090

Deuteranopia

58.2507, 56.9751, 54.9409



Tritanopia

59.0256, 57.1097, 66.9438

Trichromacy



Original Color

56.4024, 57.0225, 54.4881

Protanomaly

55.2304, 57.0757, 55.1195

Deuteranomaly

57.5548, 56.9434, 54.9714

Tritanomaly

57.9940, 57.0152, 61.9812

Monochromacy



Original Color

56.4024, 57.0225, 54.4881

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.2212, 57.3074, 59.7807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4024, 57.0225, 54.4881 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(215, 195, 186)` looks like.

```
.text, #text, p{  
    color:rgb(215, 195, 186)  
}
```

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(215, 195, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 195, 186) }
```

Border

The CSS property to change the border of an element to XYZ 56.4024, 57.0225, 54.4881 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(215, 195, 186) }
```


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

```
.border{ border-color:rgb(215, 195, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 195, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 195, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 195, 186); box-shadow:4px 4px 4px 4px rgb(215, 195, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4024, 57.0225, 54.4881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 195, 186) }
```

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

```
.background{ background-color: rgb(215,  
195, 186) }
```

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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