

Converting Colors

XYZ(57.2959, 56.8439, 51.2656)

Have a look what the booklet for
XYZ(57.2959, 56.8439, 51.2656)
contains.

XYZ(57.4324, 56.9648, 51.1483)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.4324, 56.9648,
51.1483)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC1B4
RGB	222, 193, 180
RGB Percent	87%, 76%, 71%
CMY	0.1294, 0.2431, 0.2941
CMYK	0.00, 0.13, 0.19, 0.13
HSL	19°, 39%, 79%
HSV	19°, 19%, 87%
XYZ	57.4324, 56.9648, 51.1483
YIQ	200.1890, 21.4570, 2.1050

Conversions

Conversions Part 2

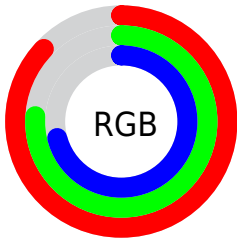
Format	Color
R _Y B	222, 199, 180
Decimal	14598580
CIE Lab	80.16, 8.23, 10.32
CIE LCh	80, 13.199, 51.434
Yxy	56.9648, 0.3469, 0.3441
Android (android.graphics.Color)	4292788660 (0xFFDEC1B4)
YUV	200.1890, -9.9532, 19.1282
Hunter-Lab	75.4750, 3.7475, 12.6526

Details

The XYZ color **57.4324, 56.9648, 51.1483** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.8073, 60.5768, 77.9116**, and the grayscale version is **55.0676, 57.9354, 63.0916**.

A 20% lighter version of the original color is **90.2560, 95.0675, 92.9497**, and **28.7893, 28.1045, 23.9860** is the 20% darker color. If you saturate the color by 10%, you get **52.1355, 49.7047, 39.1043**, and if you desaturate by 10%, it is **63.4458, 65.0773, 65.2195**.

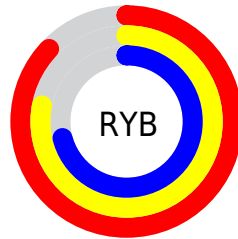
Distribution



Red (87%)

Green (76%)

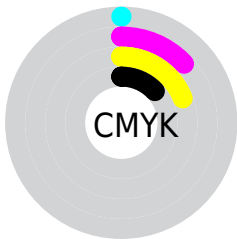
Blue (71%)



Red (87%)

Yellow (78%)

Blue (71%)

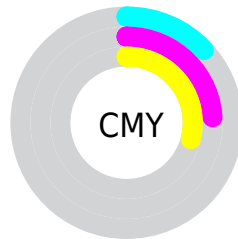


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (13%)



Cyan (13%)


Magenta (24%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4324, 56.9648, 51.1483 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 57.4324, 56.9648, 51.1483 by changing the saturation by 10% instead.


 57.4324, 56.9648,
51.1483

 57.4324, 56.9648,
51.1483


405.0556,
413.3174, 408.0027

 41.5940, 40.9770,
35.9491


 100.2236,
100.4138, 93.2877

 28.9732, 28.3011,
24.1055


127.9070,
128.6438, 121.0650

 19.2047, 18.5528,
15.1990


160.2696,
161.7233, 153.8720

 11.9232, 11.3476,
8.8110

197.6765,
200.0367, 192.1274

 6.7632, 6.3011,
4.5230

240.4932,
243.9685, 236.2496

 3.3595, 3.0290,
1.9164

289.0851,

 1.3466, 1.1469,

293.9029, 286.6572

0.5031

343.8174,
350.2244, 343.7687

■ 0.2177, 0.0177,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4324, 56.9648,
51.1483

■ 57.4324, 56.9648,
51.1483

■ 52.1355, 49.7047,
39.1043

■ 63.4458, 65.0773,
65.2195

■ 47.5226, 43.2610,
28.9898

■ 70.1974, 74.0611,
81.4023

■ 43.5655, 37.6066,
20.7041

■ 77.7135, 83.9445,
99.7807

■ 40.2320, 32.7097,
14.1362

■ 83.7150, 93.8309,
108.3067

■ 37.4871, 28.5364,
9.1627

■ 83.9344, 94.2697,
108.3798

■ 35.2917, 25.0498,
5.6433

■ 33.6011, 22.2092,
3.4131

■ 32.3525, 19.9648,
2.2174

■ 32.2364, 19.7536,
2.1138

Harmonies

Analogous

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



59.1022, 56.9648, 56.7676



57.4324, 56.9648, 51.1483



54.9174, 56.9648, 48.4994

Triad

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



57.4324, 56.9648, 51.1483



49.1879, 56.9648, 59.8446



56.0556, 56.9648, 76.8613

Complementary

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



57.4324, 56.9648, 51.1483



54.8073, 60.5768, 77.9116

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.



53.3765, 56.9648, 77.8569



57.4324, 56.9648, 51.1483



49.4699, 56.9648, 67.5974

Square

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



57.4324, 56.9648, 51.1483



50.1988, 56.9648, 53.2407



50.9823, 56.9648, 74.3437



58.2892, 56.9648, 71.7260

Rectangle

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



57.4324, 56.9648, 51.1483



53.1244, 56.9648, 48.6088



50.9823, 56.9648, 74.3437



55.1752, 56.9648, 77.7072

Sweetspot

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



57.4339, 56.9674, 51.1495



89.4060, 92.4983, 95.3464



58.0043, 52.7961, 67.7157



19.0099, 19.6294, 20.1062



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.



57.4339, 56.9674, 51.1495



75.4194, 73.6129, 62.6673



62.3085, 66.7164, 52.7743



14.0517, 14.3893, 14.3436



19.2347, 11.9073, 1.2846



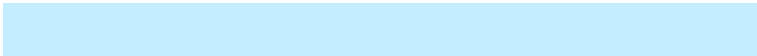
1.4111, 0.9811, 0.1150

Inverse Universe

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



54.8073, 60.5768, 77.9116



71.1442, 79.4789, 106.1990



50.0767, 51.1156, 76.3347



13.7398, 14.8188, 17.5238



14.7264, 16.9223, 43.5385



1.0992, 1.3299, 3.0440

Previews

White Background



This preview shows how the XYZ color 57.4324, 56.9648, 51.1483 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 57.4324, 56.9648, 51.1483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

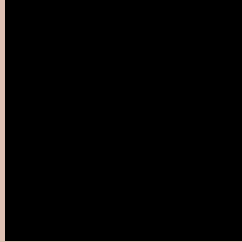
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4324, 56.9648, 51.1483

Background



This preview shows how black text looks on a background with the XYZ color 57.4324, 56.9648, 51.1483.



This preview shows how white text looks on a background with the XYZ color 57.4324, 56.9648,

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

57.4324, 56.9648, 51.1483

Protanopia

54.1949, 56.9289, 52.9317

Deuteranopia

58.1392, 57.0021, 51.1183



Tritanopia

60.1480, 56.7624, 64.9128

Trichromacy



Original Color

57.4324, 56.9648, 51.1483

Protanomaly

55.3348, 56.8543, 52.3135

Deuteranomaly

57.8283, 56.8419, 51.1037

Tritanomaly

59.0043, 56.6143, 59.4476

Monochromacy



Original Color

57.4324, 56.9648, 51.1483

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.6043, 57.1927, 58.5607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4324, 56.9648, 51.1483 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(222, 193, 180)` looks like.

```
.text, #text, p{  
    color:rgb(222, 193, 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(222, 193, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 193, 180) }
```

Border

The CSS property to change the border of an element to XYZ 57.4324, 56.9648, 51.1483 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(222, 193, 180) }
```


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

```
.border{ border-color:rgb(222, 193, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 193, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 193, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 193, 180);  
box-shadow:4px 4px 4px 4px rgb(222, 193,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4324, 56.9648, 51.1483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 193, 180) }
```

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

```
.background{ background-color: rgb(222,  
193, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor