

Converting Colors

XYZ(58.5648, 57.8539, 53.8074)

Have a look what the booklet for
XYZ(58.5648, 57.8539, 53.8074)
contains.

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Color

**XYZ(58.4802, 57.7743,
53.9683)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC2B9
RGB	223, 194, 185
RGB Percent	87%, 76%, 73%
CMY	0.1255, 0.2392, 0.2745
CMYK	0.00, 0.13, 0.17, 0.13
HSL	14°, 37%, 80%
HSV	14°, 17%, 87%
XYZ	58.4802, 57.7743, 53.9683
YIQ	201.6450, 20.1730, 3.3490

Conversions

Conversions Part 2

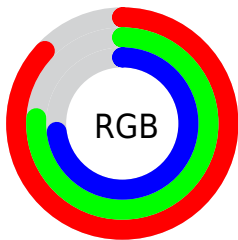
Format	Color
R _Y B	223, 197, 185
Decimal	14664377
CIE Lab	80.61, 8.83, 8.30
CIE LCh	81, 12.115, 43.214
Yxy	57.7743, 0.3436, 0.3394
Android (android.graphics.Color)	4292854457 (0xFFDFC2B9)
YUV	201.6450, -8.2060, 18.7283
Hunter-Lab	76.0094, 4.3181, 11.1094

Details

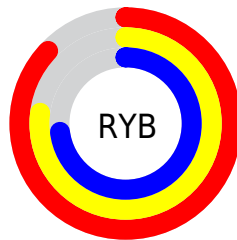
The XYZ color **58.4802, 57.7743, 53.9683** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.3732, 63.7339, 79.0906**, and the grayscale version is **55.9598, 58.8741, 64.1139**.

A 20% lighter version of the original color is **91.6144, 96.6052, 97.0372**, and **29.4793, 28.6376, 25.8037** is the 20% darker color. If you saturate the color by 10%, you get **52.7358, 49.7618, 41.3357**, and if you desaturate by 10%, it is **65.0307, 66.8071, 68.6926**.

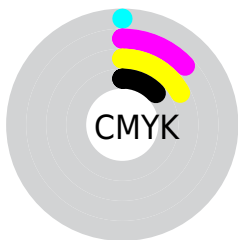
Distribution



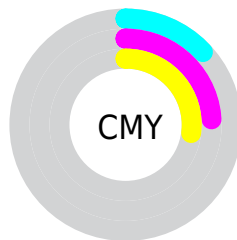
- Red (87%)
- Green (76%)
- Blue (73%)



- Red (87%)
- Yellow (77%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (17%)
- Black (13%)





- Cyan (13%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4802, 57.7743, 53.9683 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 58.4802, 57.7743, 53.9683 by changing the saturation by 10% instead.


 58.4802, 57.7743,
53.9683

 58.4802, 57.7743,
53.9683


408.8980,
416.3444, 419.1603

 42.4396, 41.6272,
38.1833


 101.7408,
101.5941, 97.4836

 29.6383, 28.8095,
25.8221


129.6914,
130.0356, 126.0511

 19.7109, 18.9368,
16.4660


162.3428,
163.3441, 159.7164

 12.2921, 11.6246,
9.6966

200.0603,
201.9039, 198.8981

 7.0165, 6.4886,
5.0953

243.2091,
246.0995, 244.0149

 3.5189, 3.1444,
2.2436

292.1548,

 1.4337, 1.2076,

296.3151, 295.4851

0.6993

347.2626,
352.9353, 353.7274

■ 0.2801, 0.0679,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4802, 57.7743,
53.9683

■ 58.4802, 57.7743,
53.9683

■ 52.7358, 49.7618,
41.3357

■ 65.0307, 66.8071,
68.6926

■ 47.7611, 42.7257,
30.6960

■ 72.4125, 76.8865,
85.5940

■ 43.5237, 36.6305,
21.9475

■ 80.6555, 88.0476,
104.7578

■ 39.9871, 31.4355,
14.9785

■ 84.2417, 94.4281,
108.3942

■ 37.1116, 27.0970,
9.6650

■ 34.8529, 23.5673,
5.8672

■ 33.1610, 20.7939,
3.4218

■ 31.9747, 18.7162,
2.1169

■ 31.6975, 18.2197,
1.8461

Harmonies

Analogous

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



59.7119, 57.7743, 59.8207



58.4802, 57.7743, 53.9683



56.3085, 57.7743, 50.6593

Triad

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



58.4802, 57.7743, 53.9683



50.4509, 57.7743, 59.0251



56.0156, 57.7743, 77.2372

Complementary

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



58.4802, 57.7743, 53.9683



57.3732, 63.7339, 79.0906

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.



53.5402, 57.7743, 76.9836



58.4802, 57.7743, 53.9683



50.3779, 57.7743, 66.0964

Square

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



58.4802, 57.7743, 53.9683



51.6960, 57.7743, 53.4239



51.4934, 57.7743, 72.7806



58.2602, 57.7743, 73.4493

Rectangle

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



58.4802, 57.7743, 53.9683



54.6445, 57.7743, 50.1733



51.4934, 57.7743, 72.7806



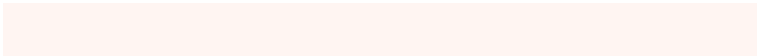
55.1819, 57.7743, 77.6298

Sweetspot

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



58.4818, 57.7769, 53.9695



90.0391, 93.1548, 97.4365



59.9357, 55.2486, 71.2134



19.1263, 19.7393, 20.5236



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.



58.4818, 57.7769, 53.9695



76.7165, 74.7745, 67.5163



62.9498, 66.7129, 55.4589



13.9696, 14.2251, 14.3162



18.7102, 10.8583, 1.1097



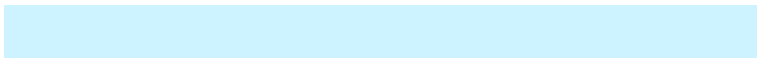
1.3655, 0.8899, 0.0998

Inverse Universe

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



57.3732, 63.7339, 79.0906



74.9772, 84.1081, 106.8905



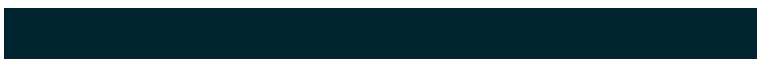
52.8726, 54.7328, 77.5905



13.8270, 14.9930, 17.5529



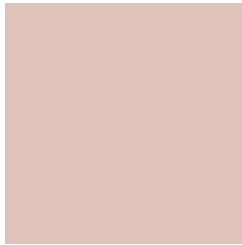
16.3925, 20.2546, 44.0939



1.2035, 1.5384, 3.0788

Previews

White Background



This preview shows how the XYZ color 58.4802, 57.7743, 53.9683 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 58.4802, 57.7743, 53.9683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

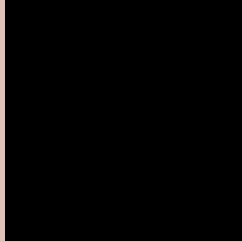
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4802, 57.7743, 53.9683

Background



This preview shows how black text looks on a background with the XYZ color 58.4802, 57.7743, 53.9683.



This preview shows how white text looks on a background with the XYZ color 58.4802, 57.7743,

53.9683.

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

58.4802, 57.7743, 53.9683

Protanopia

55.2327, 57.7431, 55.8114

Deuteranopia

58.8783, 57.6503, 53.9233



Tritanopia

61.1354, 57.8866, 66.3436

Trichromacy



Original Color

58.4802, 57.7743, 53.9683

Protanomaly

56.3765, 57.6665, 55.1731

Deuteranomaly

58.5674, 57.4900, 53.9088

Tritanomaly

60.0940, 57.7840, 61.4122

Monochromacy



Original Color

58.4802, 57.7743, 53.9683

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.9656, 58.5340, 60.5203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4802, 57.7743, 53.9683 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(223, 194, 185)` looks like.

```
.text, #text, p{  
    color:rgb(223, 194, 185)  
}
```

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(223, 194, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 194, 185) }
```

Border

The CSS property to change the border of an element to XYZ 58.4802, 57.7743, 53.9683 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(223, 194, 185) }
```


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

```
.border{ border-color:rgb(223, 194, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 194, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 194, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 194, 185);  
box-shadow:4px 4px 4px 4px rgb(223, 194,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4802, 57.7743, 53.9683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 194, 185) }
```

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

```
.background{ background-color: rgb(223,  
194, 185) }
```

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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