

Converting Colors

XYZ(58.0725, 56.2524, 53.3019)

Have a look what the booklet for
XYZ(58.0725, 56.2524, 53.3019)
contains.

XYZ(58.1165, 56.2952, 53.1504)	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(58.1165, 56.2952,
53.1504)**

Conversions

Conversions Part 1

Format	Color
Hex	E1BEB8
RGB	225, 190, 184
RGB Percent	88%, 75%, 72%
CMY	0.1176, 0.2549, 0.2784
CMYK	0.00, 0.16, 0.18, 0.12
HSL	9°, 41%, 80%
HSV	9°, 18%, 88%
XYZ	58.1165, 56.2952, 53.1504
YIQ	199.7810, 22.7860, 5.5540

Conversions

Conversions Part 2

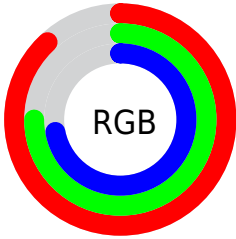
Format	Color
R _Y B	225, 191, 184
Decimal	14794424
CIE Lab	79.78, 11.53, 7.67
CIE LCh	80, 13.846, 33.615
Yxy	56.2952, 0.3468, 0.3360
Android (android.graphics.Color)	4292984504 (0xFFE1BEB8)
YUV	199.7810, -7.7800, 22.1171
Hunter-Lab	75.0301, 6.9590, 10.5208

Details

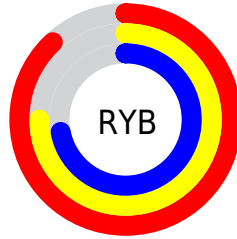
The XYZ color **58.1165, 56.2952, 53.1504** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.6887, 66.2878, 80.9361**, and the grayscale version is **54.8028, 57.6568, 62.7883**.

A 20% lighter version of the original color is **89.9239, 93.4628, 95.7387**, and **29.4046, 27.9650, 25.3207** is the 20% darker color. If you saturate the color by 10%, you get **52.0541, 47.6492, 40.4041**, and if you desaturate by 10%, it is **65.1053, 66.1926, 68.0575**.

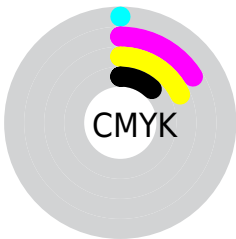
Distribution



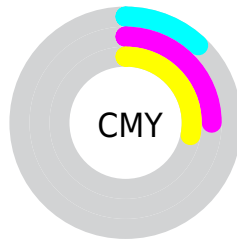
- Red (88%)
- Green (75%)
- Blue (72%)



- Red (88%)
- Yellow (75%)
- Blue (72%)



- Cyan (0%)
- Magenta (16%)
- Yellow (18%)
- Black (12%)





- Cyan (12%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1165, 56.2952, 53.1504 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 58.1165, 56.2952, 53.1504 by changing the saturation by 10% instead.


 58.1165, 56.2952,
53.1504

 58.1165, 56.2952,
53.1504


407.5668,
410.8030, 415.9445

 42.1459, 40.4397,
37.5343


 101.2145, 99.4361,
96.2694

 29.4072, 27.8815,
25.3224

129.0726,
127.4902, 124.6094

 19.5349, 18.2364,
16.0962


161.6240,
160.3792, 158.0278

 12.1637, 11.1198,
9.4372

199.2339,
198.4877, 196.9432

 6.9283, 6.1475,
4.9267

242.2678,
242.1999, 241.7740

 3.4632, 2.9350,
2.1464

291.0910,

 1.4032, 1.0979,

291.9003, 292.9388

0.6432

346.0689,
347.9732, 350.8561

■ 0.2585, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1165, 56.2952,
53.1504

■ 58.1165, 56.2952,
53.1504

■ 52.0541, 47.6492,
40.4041

■ 65.1053, 66.1926,
68.0575

■ 46.8745, 40.1972,
29.7149

■ 73.0524, 77.3806,
85.2155

■ 42.5375, 33.8890,
20.9756

■ 81.9941, 89.9060,
104.7139

■ 38.9978, 28.6676,
14.0680

■ 84.8615, 94.7476,
108.4232

■ 36.2060, 24.4710,
8.8610

■ 34.1068, 21.2312,
5.2063

■ 32.6371, 18.8714,
2.9293

■ 31.7154, 17.3004,
1.7826

■ 31.5940, 17.0926,
1.6340

Harmonies

Analogous

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



59.0615, 56.2952, 60.3288



58.1165, 56.2952, 53.1504



55.9351, 56.2952, 48.4955

Triad

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



58.1165, 56.2952, 53.1504



48.8276, 56.2952, 54.6964



53.8471, 56.2952, 78.0066

Complementary

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



58.1165, 56.2952, 53.1504



58.6887, 66.2878, 80.9361

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.



51.1500, 56.2952, 76.1711



58.1165, 56.2952, 53.1504



48.3120, 56.2952, 62.2733

Square

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



58.1165, 56.2952, 53.1504



50.5815, 56.2952, 49.3319



49.1477, 56.2952, 70.2338



56.5430, 56.2952, 75.0529

Rectangle

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



58.1165, 56.2952, 53.1504



54.1078, 56.2952, 47.2149



49.1477, 56.2952, 70.2338



52.9105, 56.2952, 77.9304

Sweetspot

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



58.1180, 56.2977, 53.1516



89.6906, 92.4578, 97.3203



61.0489, 55.4318, 74.8687



19.0419, 19.5705, 20.4955



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.



58.1180, 56.2977, 53.1516



73.8781, 70.0606, 63.6012



62.7419, 65.5455, 54.6929



13.8684, 14.0228, 14.2825



18.2575, 9.9528, 0.9588



1.3173, 0.7934, 0.0837

Inverse Universe

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



58.6887, 66.2878, 80.9361



74.7715, 85.7381, 107.2160



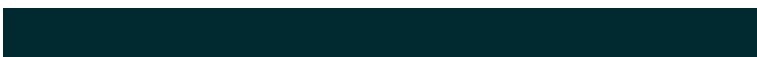
53.7895, 56.4895, 79.3030



13.9366, 15.2123, 17.5894



18.7670, 25.0035, 44.8854



1.3481, 1.8276, 3.1270

Previews

White Background



This preview shows how the XYZ color 58.1165, 56.2952, 53.1504 looks on a white background.

Color Contrast Check

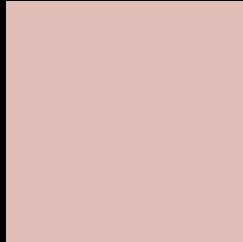
Large Text (above 18pt) WCAG AA × Fail

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 58.1165, 56.2952, 53.1504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

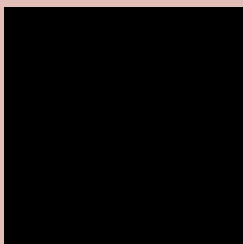
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1165, 56.2952, 53.1504

Background



This preview shows how black text looks on a background with the XYZ color 58.1165, 56.2952, 53.1504.



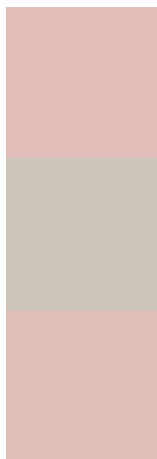
This preview shows how white text looks on a background with the XYZ color 58.1165, 56.2952,

53.1504.

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

58.1165, 56.2952, 53.1504

Protanopia

53.9452, 56.4007, 55.6202

Deuteranopia

57.4067, 56.2519, 53.1794



Tritanopia

60.1095, 56.1358, 63.5443

Trichromacy



Original Color

58.1165, 56.2952, 53.1504

Protanomaly

55.4128, 56.1685, 54.9347

Deuteranomaly

57.7140, 56.4103, 53.1938

Tritanomaly

59.1976, 56.0753, 59.3333

Monochromacy



Original Color

58.1165, 56.2952, 53.1504

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.7720, 56.9302, 59.0881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1165, 56.2952, 53.1504 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(225, 190, 184)` looks like.

```
.text, #text, p{  
    color:rgb(225, 190, 184)  
}
```

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(225, 190, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 190, 184) }
```

Border

The CSS property to change the border of an element to XYZ 58.1165, 56.2952, 53.1504 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(225, 190, 184) }
```


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

```
.border{ border-color:rgb(225, 190, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 190, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 190, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 190, 184);  
box-shadow:4px 4px 4px 4px rgb(225, 190,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1165, 56.2952, 53.1504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 190, 184) }
```

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

```
.background{ background-color: rgb(225,  
190, 184) }
```

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