

Converting Colors

XYZ(58.1946, 55.6739, 43.9187)

Have a look what the booklet for
XYZ(58.1946, 55.6739, 43.9187)
contains.

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Color

**XYZ(58.2575, 55.6175,
43.7411)**

Conversions

Conversions Part 1

Format	Color
Hex	E9BBA6
RGB	233, 187, 166
RGB Percent	91%, 73%, 65%
CMY	0.0863, 0.2666, 0.3490
CMYK	0.00, 0.20, 0.29, 0.09
HSL	19°, 60%, 78%
HSV	19°, 29%, 91%
XYZ	58.2575, 55.6175, 43.7411
YIQ	198.3600, 34.1570, 3.2210

Conversions

Conversions Part 2

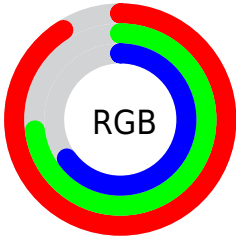
Format	Color
R _{YB}	233, 197, 166
Decimal	15317926
CIE Lab	79.40, 13.54, 16.90
CIE LCh	79, 21.655, 51.309
Yxy	55.6175, 0.3696, 0.3529
Android (android.graphics.Color)	4293508006 (0xFFE9BBA6)
YUV	198.3600, -15.9535, 30.3793
Hunter-Lab	74.5771, 8.9290, 17.4291

Details

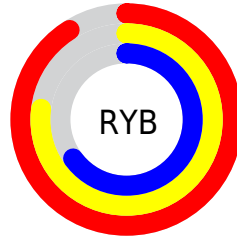
The XYZ color **58.2575, 55.6175, 43.7411** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.9765, 61.0750, 86.0347**, and the grayscale version is **53.9763, 56.7873, 61.8413**.

A 20% lighter version of the original color is **86.3417, 90.5816, 81.3399**, and **29.4669, 27.4952, 19.6736** is the 20% darker color. If you saturate the color by 10%, you get **53.1046, 48.4277, 32.4167**, and if you desaturate by 10%, it is **64.1786, 63.7234, 57.2331**.

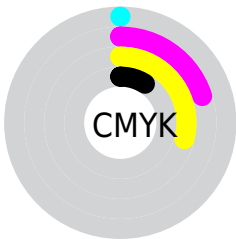
Distribution



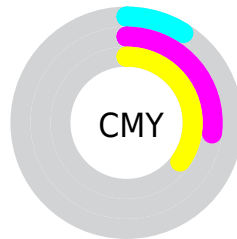
- Red (91%)
- Green (73%)
- Blue (65%)



- Red (91%)
- Yellow (77%)
- Blue (65%)



- Cyan (0%)
- Magenta (20%)
- Yellow (29%)
- Black (9%)





- Cyan (9%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2575, 55.6175, 43.7411 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 58.2575, 55.6175, 43.7411 by changing the saturation by 10% instead.


 58.2575, 55.6175,
43.7411


 58.2575, 55.6175,
43.7411


408.0832,
408.2484, 377.6611

 42.2598, 39.8963,
30.1313


 101.4186, 98.4451,
82.1263

 29.4967, 27.4577,
19.6854


 129.3126,
126.3203, 107.7389

 19.6031, 17.9173,
11.9848

161.9028,
159.0157, 138.1894

 12.2134, 10.8906,
6.6109

199.5544,
196.9156, 173.8965

 6.9624, 5.9933,
3.1452

242.6329,
240.4044, 215.2787

 3.4847, 2.8410,
1.1693

291.5037,

 1.4150, 1.0493,

289.8666, 262.7545

0.0000

346.5320,
345.6864, 316.7424

■ 0.2669, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2575, 55.6175,
43.7411

■ 58.2575, 55.6175,
43.7411

■ 53.1046, 48.4277,
32.4167

■ 64.1786, 63.7234,
57.2331

■ 48.6822, 42.1131,
23.1422

■ 70.8946, 72.7688,
72.9951

■ 44.9558, 36.6411,
15.7938

■ 78.4363, 82.7860,
91.1271

■ 41.8864, 31.9742,
10.2328

■ 86.1475, 93.5300,
108.1204

■ 39.4301, 28.0712,
6.3016

■ 87.4143, 96.0637,
108.5427

■ 37.5370, 24.8872,
3.8144

■ 36.1389, 22.3675,
2.4959

■ 35.9900, 22.0950,
2.3679

Harmonies

Analogous

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



61.0317, 55.6175, 52.2750



58.2575, 55.6175, 43.7411



54.1348, 55.6175, 39.8571

Triad

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



58.2575, 55.6175, 43.7411



45.0291, 55.6175, 57.0151



55.9563, 55.6175, 85.6872

Complementary

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



58.2575, 55.6175, 43.7411



53.9765, 61.0750, 86.0347

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.



51.6108, 55.6175, 87.4136



58.2575, 55.6175, 43.7411



45.4573, 55.6175, 69.6728

Square

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



58.2575, 55.6175, 43.7411



46.6081, 55.6175, 46.8024



47.8118, 55.6175, 81.2121



59.6534, 55.6175, 76.7749

Rectangle

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



58.2575, 55.6175, 43.7411



51.2418, 55.6175, 40.0009



47.8118, 55.6175, 81.2121



54.5176, 55.6175, 87.1714

Sweetspot

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



58.2590, 55.6201, 43.7422



86.7509, 88.9656, 88.9810



59.2384, 49.3956, 69.2967



18.2979, 18.6802, 18.4046



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.



58.2590, 55.6201, 43.7422



67.3319, 62.4678, 44.4650



65.9758, 71.0537, 46.3145



15.4508, 15.8246, 15.7588



20.5191, 12.7324, 1.3761



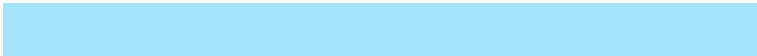
1.6945, 1.1662, 0.1358

Inverse Universe

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



53.9765, 61.0750, 86.0347



61.1979, 70.2488, 104.9416



46.6348, 46.3916, 83.5874



15.0963, 16.2790, 19.2687



15.5896, 17.8262, 46.3621



1.3095, 1.5705, 3.6690

Previews

White Background



This preview shows how the XYZ color 58.2575, 55.6175, 43.7411 looks on a white background.

Color Contrast Check

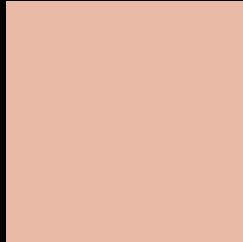
Large Text (above 18pt) WCAG AA × Fail

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 58.2575, 55.6175, 43.7411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

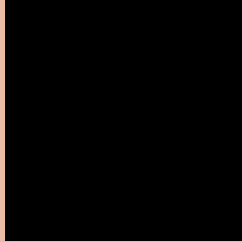
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2575, 55.6175, 43.7411

Background



This preview shows how black text looks on a background with the XYZ color 58.2575, 55.6175, 43.7411.



This preview shows how white text looks on a background with the XYZ color 58.2575, 55.6175,

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

58.2575, 55.6175, 43.7411

Protanopia

52.8227, 55.6855, 46.4924

Deuteranopia

56.7591, 55.4793, 43.7934



Tritanopia

61.6036, 55.7311, 60.3336

Trichromacy



Original Color

58.2575, 55.6175, 43.7411

Protanomaly

54.5503, 55.6034, 45.3935

Deuteranomaly

57.1793, 55.3776, 43.7517

Tritanomaly

60.2644, 55.4883, 53.9884

Monochromacy



Original Color

58.2575, 55.6175, 43.7411

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.0187, 55.9776, 54.3593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2575, 55.6175, 43.7411 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(233, 187, 166)` looks like.

```
.text, #text, p{  
    color:rgb(233, 187, 166)  
}
```

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(233, 187, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 187, 166) }
```

Border

The CSS property to change the border of an element to XYZ 58.2575, 55.6175, 43.7411 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(233, 187, 166) }
```


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

```
.border{ border-color:rgb(233, 187, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 187, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 187, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 187, 166);  
box-shadow:4px 4px 4px 4px rgb(233, 187,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2575, 55.6175, 43.7411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 187, 166) }
```

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

```
.background{ background-color: rgb(233,  
187, 166) }
```

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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