

Converting Colors

XYZ(58.7618, 55.5950, 42.2842)

Have a look what the booklet for
XYZ(58.7618, 55.5950, 42.2842)
contains.

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Color

**XYZ(58.7618, 55.5950,
42.2842)**

Conversions

Conversions Part 1

Format	Color
Hex	ECBAA3
RGB	236, 186, 163
RGB Percent	93%, 73%, 64%
CMY	0.0745, 0.2706, 0.3608
CMYK	0.00, 0.21, 0.31, 0.07
HSL	19°, 66%, 78%
HSV	19°, 31%, 93%
XYZ	58.7618, 55.5950, 42.2842
YIQ	198.3280, 37.1830, 3.4470

Conversions

Conversions Part 2

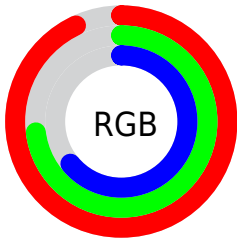
Format	Color
R _Y B	236, 197, 163
Decimal	15514275
CIE Lab	79.38, 14.81, 18.54
CIE LCh	79, 23.730, 51.369
Yxy	55.5950, 0.3751, 0.3549
Android (android.graphics.Color)	4293704355 (0xFFECBAA3)
YUV	198.3280, -17.4167, 33.0383
Hunter-Lab	74.5621, 10.1909, 18.5700

Details

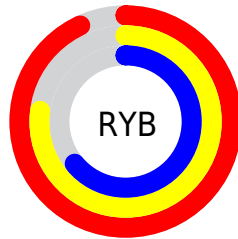
The XYZ color **58.7618, 55.5950, 42.2842** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.0381, 61.4292, 88.3658**, and the grayscale version is **53.9641, 56.7744, 61.8273**.

A 20% lighter version of the original color is **85.6470, 89.8262, 79.1538**, and **29.8472, 27.5065, 18.7751** is the 20% darker color. If you saturate the color by 10%, you get **53.6270, 48.3994, 31.0958**, and if you desaturate by 10%, it is **64.6793, 63.7240, 55.6814**.

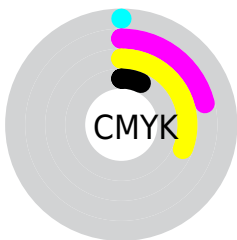
Distribution



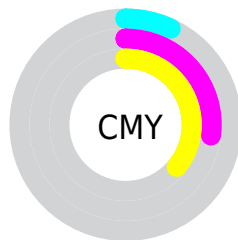
- Red (93%)
- Green (73%)
- Blue (64%)



- Red (93%)
- Yellow (77%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (31%)
- Black (7%)





- Cyan (7%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7618, 55.5950, 42.2842 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 58.7618, 55.5950, 42.2842 by changing the saturation by 10% instead.


 58.7618, 55.5950,
42.2842


 58.7618, 55.5950,
42.2842


409.9269,
408.1634, 371.4941

 42.6670, 39.8783,
28.9967


 102.1480, 98.4122,
79.9043

 29.8173, 27.4437,
18.8327


 130.1701,
126.2814, 105.0739

 19.8474, 17.9067,
11.3739


162.8988,
158.9704, 135.0414

 12.3918, 10.8830,
6.2016

200.6993,
196.8633, 170.2251

 7.0852, 5.9882,
2.8973

243.9370,
240.3447, 211.0437

 3.5622, 2.8379,
1.0424

292.9772,

 1.4576, 1.0477,

289.7989, 257.9157

0.0000

348.1854,
345.6104, 311.2596

■ 0.2967, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7618, 55.5950,
42.2842

■ 58.7618, 55.5950,
42.2842

■ 53.6270, 48.3994,
31.0958

■ 64.6793, 63.7240,
55.6814

■ 49.2358, 42.0950,
21.9927

■ 71.4076, 72.8110,
71.3949

■ 45.5521, 36.6479,
14.8444

■ 78.9787, 82.8896,
89.5292

■ 42.5345, 32.0187,
9.5040

■ 87.0323, 93.8333,
108.1323

■ 40.1369, 28.1646,
5.8036

■ 88.4021, 96.5729,
108.5889

■ 38.3060, 25.0381,
3.5430

■ 37.0658, 22.7802,
2.4434

Harmonies

Analogous

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



61.8282, 55.5950, 51.4787



58.7618, 55.5950, 42.2842



54.2264, 55.5950, 38.1466

Triad

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



58.7618, 55.5950, 42.2842



44.3018, 55.5950, 56.6856



56.2459, 55.5950, 88.3618

Complementary

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



58.7618, 55.5950, 42.2842



54.0381, 61.4292, 88.3658

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.



51.4802, 55.5950, 90.3122



58.7618, 55.5950, 42.2842



44.7705, 55.5950, 70.5923

Square

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



58.7618, 55.5950, 42.2842



46.0113, 55.5950, 45.6038



47.3326, 55.5950, 83.3976



60.3160, 55.5950, 78.4105

Rectangle

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



58.7618, 55.5950, 42.2842



51.0582, 55.5950, 38.3066



47.3326, 55.5950, 83.3976



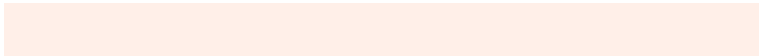
54.6656, 55.5950, 90.0286

Sweetspot

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



58.7633, 55.5976, 42.2853



86.7618, 88.9875, 88.9846



59.8400, 48.8880, 69.9681



18.3006, 18.6856, 18.4055



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.



58.7633, 55.5976, 42.2853



66.1387, 60.8139, 41.8090



67.1654, 72.4019, 45.0860



15.4528, 15.8286, 15.7595



20.5336, 12.7615, 1.3810



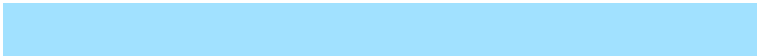
1.6958, 1.1689, 0.1362

Inverse Universe

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



54.0381, 61.4292, 88.3658



59.6750, 68.7557, 104.7337



46.0861, 45.5252, 85.7152



15.0941, 16.2747, 19.2680



15.5526, 17.7523, 46.3498



1.3068, 1.5651, 3.6681

Previews

White Background



This preview shows how the XYZ color 58.7618, 55.5950, 42.2842 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 58.7618, 55.5950, 42.2842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

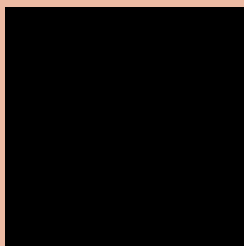
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7618, 55.5950, 42.2842

Background



This preview shows how black text looks on a background with the XYZ color 58.7618, 55.5950, 42.2842.



This preview shows how white text looks on a background with the XYZ color 58.7618, 55.5950,

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

58.7618, 55.5950, 42.2842

Protanopia

52.5399, 55.5724, 45.0032

Deuteranopia

56.7141, 55.4978, 41.9054



Tritanopia

61.9708, 55.3386, 59.0450

Trichromacy



Original Color

58.7618, 55.5950, 42.2842

Protanomaly

54.6460, 55.3579, 43.8814

Deuteranomaly

57.4598, 55.5640, 41.8789

Tritanomaly

60.7406, 55.4630, 52.3038

Monochromacy



Original Color

58.7618, 55.5950, 42.2842

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.2001, 56.0834, 53.8148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7618, 55.5950, 42.2842 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(236, 186, 163)` looks like.

```
.text, #text, p{  
    color:rgb(236, 186, 163)  
}
```

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(236, 186, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 186, 163) }
```

Border

The CSS property to change the border of an element to XYZ 58.7618, 55.5950, 42.2842 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(236, 186, 163) }
```


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

```
.border{ border-color:rgb(236, 186, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 186, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 186, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 186, 163);  
box-shadow:4px 4px 4px 4px rgb(236, 186,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7618, 55.5950, 42.2842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 186, 163) }
```

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

```
.background{ background-color: rgb(236,  
186, 163) }
```

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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