

Converting Colors

XYZ(58.1888, 50.9155, 42.7171)

Have a look what the booklet for
XYZ(58.1888, 50.9155, 42.7171)
contains.

XYZ(58.0638, 50.7562, 42.8130)	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(58.0638, 50.7562,
42.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	F2ABA6
RGB	242, 171, 166
RGB Percent	95%, 67%, 65%
CMY	0.0510, 0.3294, 0.3490
CMYK	0.00, 0.29, 0.31, 0.05
HSL	4°, 75%, 80%
HSV	4°, 31%, 95%
XYZ	58.0638, 50.7562, 42.8130
YIQ	191.6590, 43.9210, 13.4970

Conversions

Conversions Part 2

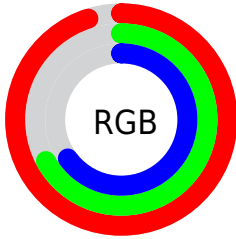
Format	Color
R _Y B	242, 171, 166
Decimal	15903654
CIE Lab	76.53, 25.41, 13.01
CIE LCh	77, 28.552, 27.118
Yxy	50.7562, 0.3829, 0.3347
Android (android.graphics.Color)	4294093734 (0xFFF2ABA6)
YUV	191.6590, -12.6499, 44.1491
Hunter-Lab	71.2434, 20.8027, 14.2406

Details

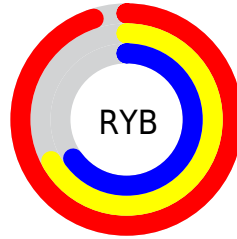
The XYZ color **58.0638, 50.7562, 42.8130** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.0361, 75.0837, 95.2276**, and the grayscale version is **49.9587, 52.5604, 57.2383**.

A 20% lighter version of the original color is **81.7602, 81.4186, 79.8128**, and **29.2829, 24.3621, 19.0786** is the 20% darker color. If you saturate the color by 10%, you get **52.1383, 42.1297, 30.8969**, and if you desaturate by 10%, it is **65.1400, 61.0151, 57.1745**.

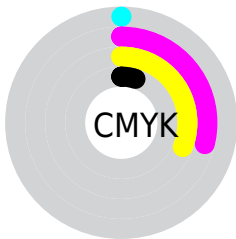
Distribution



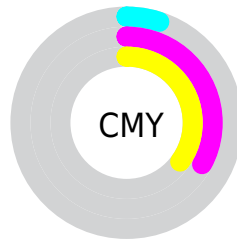
- Red (95%)
- Green (67%)
- Blue (65%)



- Red (95%)
- Yellow (67%)
- Blue (65%)



- Cyan (0%)
- Magenta (29%)
- Yellow (31%)
- Black (5%)





- Cyan (5%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0638, 50.7562, 42.8130 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 58.0638, 50.7562, 42.8130 by changing the saturation by 10% instead.

 58.0638, 50.7562,
42.8130


 58.0638, 50.7562,
42.8130


407.3737,
389.6158, 373.7408

 42.1034, 36.0146,
29.4081


 101.1382, 91.2943,
80.7119

 29.3737, 24.4455,
19.1415


 128.9829,
117.8596, 106.0430

 19.5094, 15.6644,
11.5947


161.5197,
149.1349, 136.1866

 12.1451, 9.2870,
6.3492

199.1141,
185.5047, 171.5612

 6.9155, 4.9289,
2.9864

242.1313,
227.3533, 212.5854

 3.4552, 2.2056,
1.0877

290.9367,

 1.3988, 0.7230,

275.0650, 259.6777

0.0000

345.8957,
329.0244, 313.2566

■ 0.2554, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0638, 50.7562,
42.8130

■ 58.0638, 50.7562,
42.8130

■ 52.1383, 42.1297,
30.8969

■ 65.1400, 61.0151,
57.1745

■ 47.2989, 35.0447,
21.2869

■ 73.4189, 72.9768,
74.1037

■ 43.4805, 29.4125,
13.8348

■ 82.9545, 86.7164,
93.7187

■ 40.6098, 25.1322,
8.3736

■ 90.4281, 97.6173,
108.6837

■ 38.6035, 22.0903,
4.7120

■ 37.3635, 20.1545,
2.6208

■ 36.8024, 19.2460,
1.7751

Harmonies

Analogous

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



59.3470, 50.7562, 56.7700



58.0638, 50.7562, 42.8130



54.0884, 50.7562, 33.9042

Triad

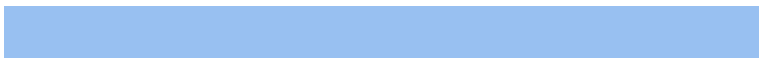
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.0638, 50.7562, 42.8130



40.0542, 50.7562, 40.6705



47.7233, 50.7562, 90.5114

Complementary

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



58.0638, 50.7562, 42.8130



62.0361, 75.0837, 95.2276

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.



42.8333, 50.7562, 84.1156



58.0638, 50.7562, 42.8130



38.6170, 50.7562, 53.7866

Square

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



58.0638, 50.7562, 42.8130



43.6721, 50.7562, 32.8386



39.5958, 50.7562, 69.9235



53.1206, 50.7562, 86.1048

Rectangle

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



58.0638, 50.7562, 42.8130



50.5890, 50.7562, 31.0928



39.5958, 50.7562, 69.9235



45.9692, 50.7562, 89.5295

Sweetspot

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



58.0651, 50.7586, 42.8140



85.1107, 85.6852, 88.4343



65.7166, 52.3350, 87.6814



17.8969, 17.8782, 18.2709



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.



58.0651, 50.7586, 42.8140



60.7819, 50.4555, 38.9282



66.0084, 66.6452, 45.4618



15.8564, 15.9258, 16.3880



19.8040, 10.4062, 0.9648



1.6766, 0.9238, 0.0900

Inverse Universe

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



62.0361, 75.0837, 95.2276



65.9282, 82.0152, 106.9635



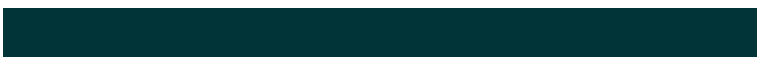
52.4540, 55.9196, 92.0336



16.1531, 17.7402, 20.2945



23.2692, 32.7626, 50.2253



1.9624, 2.7789, 4.1872

Previews

White Background



This preview shows how the XYZ color 58.0638, 50.7562, 42.8130 looks on a white background.

Color Contrast Check

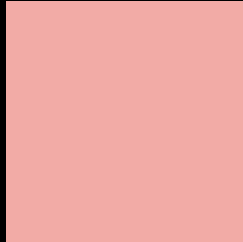
Large Text (above 18pt) WCAG AA × Fail

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 58.0638, 50.7562, 42.8130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

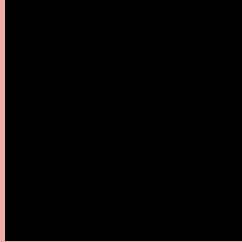
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0638, 50.7562, 42.8130

Background



This preview shows how black text looks on a background with the XYZ color 58.0638, 50.7562, 42.8130.



This preview shows how white text looks on a background with the XYZ color 58.0638, 50.7562,

42.8130.

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

58.0638, 50.7562, 42.8130

Protanopia

48.7004, 51.2261, 47.8783

Deuteranopia

52.0441, 50.8879, 42.2013



Tritanopia

59.8367, 50.9452, 50.3957

Trichromacy



Original Color

58.0638, 50.7562, 42.8130

Protanomaly

51.6149, 50.5806, 46.0724

Deuteranomaly

54.0760, 50.7262, 42.5383

Tritanomaly

59.1733, 50.9387, 47.7877

Monochromacy



Original Color

58.0638, 50.7562, 42.8130

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.2661, 51.4015, 51.9665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0638, 50.7562, 42.8130 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(242, 171, 166)` looks like.

```
.text, #text, p{  
    color:rgb(242, 171, 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(242, 171, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 171, 166) }
```

Border

The CSS property to change the border of an element to XYZ 58.0638, 50.7562, 42.8130 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(242, 171, 166) }
```


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

```
.border{ border-color:rgb(242, 171, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 171, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 171, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 171, 166);  
box-shadow:4px 4px 4px 4px rgb(242, 171,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0638, 50.7562, 42.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 171, 166) }
```

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

```
.background{ background-color: rgb(242,  
171, 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](#).

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