

Converting Colors

XYZ(58.6944, 52.6025, 38.3086)

Have a look what the booklet for
XYZ(58.6944, 52.6025, 38.3086)
contains.

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Color

**XYZ(58.8343, 52.6841,
38.5206)**

Conversions

Conversions Part 1

Format	Color
Hex	F4B09C
RGB	244, 176, 156
RGB Percent	96%, 69%, 61%
CMY	0.0431, 0.3098, 0.3882
CMYK	0.00, 0.28, 0.36, 0.04
HSL	14°, 80%, 78%
HSV	14°, 36%, 96%
XYZ	58.8343, 52.6841, 38.5206
YIQ	194.0520, 46.9480, 8.1960

Conversions

Conversions Part 2

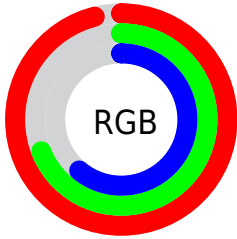
Format	Color
RYB	244, 182, 156
Decimal	16035996
CIELab	77.69, 22.29, 20.08
CIElCh	78, 30.004, 42.009
Yxy	52.6841, 0.3921, 0.3511
Android (android.graphics.Color)	4294226076 (0xFFFF4B09C)
YUV	194.0520, -18.7596, 43.8044
Hunter-Lab	72.5838, 17.6652, 19.3432

Details

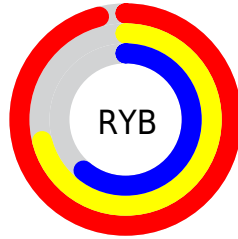
The XYZ color **58.8343, 52.6841, 38.5206** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.6940, 66.9083, 95.5144**, and the grayscale version is **51.3982, 54.0750, 58.8876**.

A 20% lighter version of the original color is **81.8545, 83.6764, 73.4650**, and **29.8825, 25.6249, 16.7357** is the 20% darker color. If you saturate the color by 10%, you get **53.5288, 45.0540, 27.5621**, and if you desaturate by 10%, it is **65.0710, 61.5120, 51.8381**.

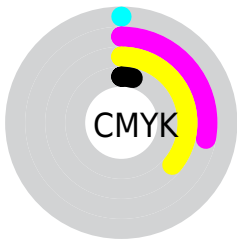
Distribution



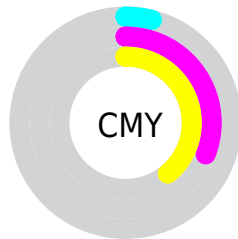
- Red (96%)
- Green (69%)
- Blue (61%)



- Red (96%)
- Yellow (71%)
- Blue (61%)



- Cyan (0%)
- Magenta (28%)
- Yellow (36%)
- Black (4%)





- Cyan (4%)
- Magenta (31%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8343, 52.6841, 38.5206 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 58.8343, 52.6841, 38.5206 by changing the saturation by 10% instead.


 58.8343, 52.6841,
38.5206


 58.8343, 52.6841,
38.5206


410.1915,
397.0720, 355.2129

 42.7256, 37.5506,
26.0820


 102.2528, 94.1394,
74.1176

 29.8635, 25.6341,
16.6587


 130.2933,
121.2300, 98.1132

 19.8825, 16.5501,
9.8321


163.0418,
153.0751, 126.7981

 12.4175, 9.9143,
5.1836

200.8637,
190.0591, 160.5910

 7.1029, 5.3421,
2.2948

244.1242,
232.5664, 199.9104

 3.5734, 2.4494,
0.7283

293.1888,

 1.4638, 0.8511,

280.9813, 245.1748

0.0000

348.4228,
335.6884, 296.8028

■ 0.3010, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8343, 52.6841,
38.5206

■ 58.8343, 52.6841,
38.5206

■ 53.5288, 45.0540,
27.5621

■ 65.0710, 61.5120,
51.8381

■ 49.1043, 38.5621,
18.8207

■ 72.2775, 71.5790,
67.6387

■ 45.5121, 33.1549,
12.1443

■ 80.4953, 82.9336,
86.0414

■ 42.6966, 28.7714,
7.3598

■ 89.7619, 95.6195,
107.1570

■ 40.5948, 25.3442,
4.2658

■ 91.1182, 97.9731,
108.7160

■ 39.1321, 22.7968,
2.6134

■ 38.6968, 22.0103,
2.2089

Harmonies

Analogous

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



61.8043, 52.6841, 50.9671



58.8343, 52.6841, 38.5206



53.6018, 52.6841, 32.0164

Triad

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



58.8343, 52.6841, 38.5206



40.1915, 52.6841, 48.0464



52.4330, 52.6841, 94.6541

Complementary

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



58.8343, 52.6841, 38.5206



56.6940, 66.9083, 95.5144

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.



46.7057, 52.6841, 93.4535



58.8343, 52.6841, 38.5206



39.9317, 52.6841, 64.2750

Square

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



58.8343, 52.6841, 38.5206



42.9703, 52.6841, 36.7397



42.2307, 52.6841, 81.5260



57.9219, 52.6841, 84.5445

Rectangle

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



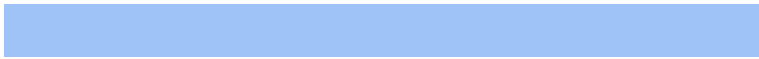
58.8343, 52.6841, 38.5206



49.6845, 52.6841, 30.9816



42.2307, 52.6841, 81.5260



50.4669, 52.6841, 95.6067

Sweetspot

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



58.8357, 52.6866, 38.5216



84.3297, 85.2663, 84.6503



62.7784, 48.4431, 77.2283



17.7880, 17.8881, 17.5325



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.



58.8357, 52.6866, 38.5216



60.8046, 52.1686, 33.7946



68.6581, 72.3314, 41.7958



16.8047, 17.0936, 17.2112



21.1255, 12.1365, 1.2291



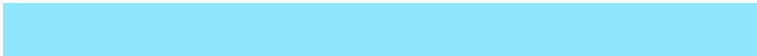
1.9312, 1.2156, 0.1328

Inverse Universe

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



56.6940, 66.9083, 95.5144



58.1059, 69.9058, 105.0384



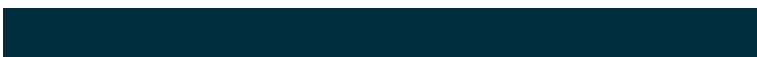
46.5502, 46.6207, 92.1331



16.6586, 18.0814, 21.1546



18.8267, 23.4471, 50.0715



1.7309, 2.2132, 4.4262

Previews

White Background



This preview shows how the XYZ color 58.8343, 52.6841, 38.5206 looks on a white background.

Color Contrast Check

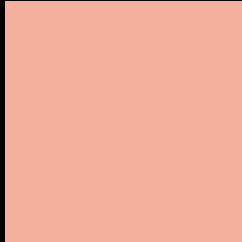
Large Text (above 18pt) WCAG AA × Fail

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 58.8343, 52.6841, 38.5206 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 58.8343, 52.6841, 38.5206

Background



This preview shows how black text looks on a background with the XYZ color 58.8343, 52.6841, 38.5206.



This preview shows how white text looks on a background with the XYZ color 58.8343, 52.6841,

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

58.8343, 52.6841, 38.5206

Protanopia

49.9076, 52.9362, 42.7092

Deuteranopia

53.9222, 52.8783, 37.9364



Tritanopia

61.8673, 52.7820, 52.8261

Trichromacy



Original Color

58.8343, 52.6841, 38.5206

Protanomaly

52.6072, 52.4427, 41.0680

Deuteranomaly

55.5993, 52.8114, 38.2736

Tritanomaly

60.5896, 52.5360, 46.9914

Monochromacy



Original Color

58.8343, 52.6841, 38.5206

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.1599, 52.8330, 50.5760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8343, 52.6841, 38.5206 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(244, 176, 156)` looks like.

```
.text, #text, p{  
    color:rgb(244, 176, 156)  
}
```

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(244, 176, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 176, 156) }
```

Border

The CSS property to change the border of an element to XYZ 58.8343, 52.6841, 38.5206 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(244, 176, 156) }
```


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

```
.border{ border-color:rgb(244, 176, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 176, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 176, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 176, 156);  
box-shadow:4px 4px 4px 4px rgb(244, 176,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8343, 52.6841, 38.5206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 176, 156) }
```

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

```
.background{ background-color: rgb(244,  
176, 156) }
```

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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