

Converting Colors

XYZ(56.8324, 52.2457, 42.3212)

Have a look what the booklet for
XYZ(56.8324, 52.2457, 42.3212)
contains.

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Color

**XYZ(56.8822, 52.1833,
42.1963)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB2A4
RGB	235, 178, 164
RGB Percent	92%, 70%, 64%
CMY	0.0784, 0.3019, 0.3569
CMYK	0.00, 0.24, 0.30, 0.08
HSL	12°, 64%, 78%
HSV	12°, 30%, 92%
XYZ	56.8822, 52.1833, 42.1963
YIQ	193.4470, 38.4660, 7.7300

Conversions

Conversions Part 2

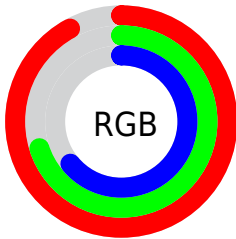
Format	Color
R _Y B	235, 181, 164
Decimal	15446692
CIE Lab	77.39, 18.81, 15.20
CIE LCh	77, 24.187, 38.944
Yxy	52.1833, 0.3761, 0.3450
Android (android.graphics.Color)	4293636772 (0xFFEBB2A4)
YUV	193.4470, -14.5174, 36.4420
Hunter-Lab	72.2380, 14.1393, 15.9336

Details

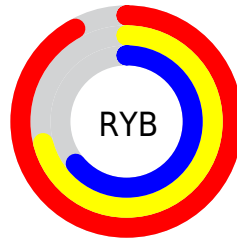
The XYZ color **56.8822, 52.1833, 42.1963** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.1609, 65.6015, 88.2998**, and the grayscale version is **51.0198, 53.6768, 58.4540**.

A 20% lighter version of the original color is **83.4490, 85.2201, 79.0687**, and **28.6183, 25.3021, 18.7047** is the 20% darker color. If you saturate the color by 10%, you get **51.4542, 44.4154, 30.8663**, and if you desaturate by 10%, it is **63.2213, 61.1453, 55.7657**.

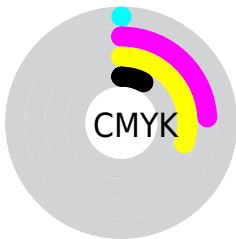
Distribution



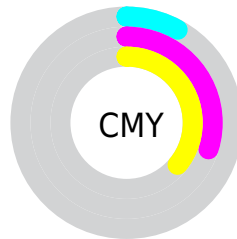
- Red (92%)
- Green (70%)
- Blue (64%)



- Red (92%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (8%)





- Cyan (8%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8822, 52.1833, 42.1963 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 56.8822, 52.1833, 42.1963 by changing the saturation by 10% instead.


 56.8822, 52.1833,
42.1963


 56.8822, 52.1833,
42.1963


403.0291,
395.1438, 371.1197

 41.1504, 37.1512,
28.9283

 99.4256, 93.4015,
79.7699

 28.6248, 25.3246,
18.7815


 126.9680,
120.3564, 104.9126

 18.9401, 16.3190,
11.3373

159.1780,
152.0544, 134.8507

 11.7307, 9.7502,
6.1772

196.4209,
188.8798, 170.0026

 6.6315, 5.2336,
2.8826

239.0621,
231.2170, 210.7869

 3.2770, 2.3850,
1.0350

287.4670,

 1.3019, 0.8182,

279.4505, 257.6222

0.0000

342.0008,
333.9647, 310.9269

■ 0.1846, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8822, 52.1833,
42.1963

■ 56.8822, 52.1833,
42.1963

■ 51.4542, 44.4154,
30.8663

■ 63.2213, 61.1453,
55.7657

■ 46.8906, 37.7837,
21.6516

■ 70.5072, 71.3416,
71.6831

■ 43.1467, 32.2365,
14.4209

■ 78.7784, 82.8194,
90.0538

■ 40.1719, 27.7151,
9.0268

■ 87.5831, 95.4264,
108.4108

■ 37.9099, 24.1550,
5.3012

■ 88.0710, 96.4022,
108.5734

■ 36.2956, 21.4838,
3.0445

■ 35.2519, 19.6440,
1.9337

Harmonies

Analogous

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



58.9650, 52.1833, 52.9302



56.8822, 52.1833, 42.1963



52.8806, 52.1833, 36.1168

Triad

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



56.8822, 52.1833, 42.1963



41.7143, 52.1833, 48.1070



51.0017, 52.1833, 86.0511

Complementary

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



56.8822, 52.1833, 42.1963



56.1609, 65.6015, 88.2998

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.



46.4554, 52.1833, 84.2202



56.8822, 52.1833, 42.1963



41.2808, 52.1833, 60.8932

Square

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



56.8822, 52.1833, 42.1963



44.1886, 52.1833, 39.1404



42.9650, 52.1833, 74.4804



55.4332, 52.1833, 79.1503

Rectangle

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



56.8822, 52.1833, 42.1963



49.7636, 52.1833, 34.8707



42.9650, 52.1833, 74.4804



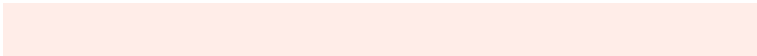
49.4341, 52.1833, 86.4566

Sweetspot

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



56.8836, 52.1857, 42.1974



85.9744, 87.4127, 88.7222



60.7194, 49.4867, 75.4475



18.1078, 18.3000, 18.3412



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.



56.8836, 52.1857, 42.1974



64.4553, 57.0845, 42.3656



64.6350, 67.6886, 44.7812



15.3060, 15.5350, 15.7106



19.6900, 11.0742, 1.0998



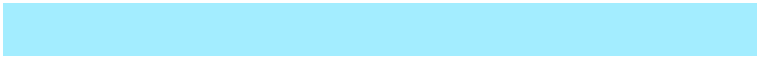
1.6120, 1.0013, 0.1083

Inverse Universe

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



56.1609, 65.6015, 88.2998



63.4483, 75.5337, 105.8431



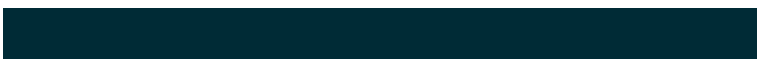
47.9667, 49.2131, 85.5684



15.2506, 16.5876, 19.3202



18.5227, 23.6924, 47.3398



1.5187, 1.9890, 3.7387

Previews

White Background



This preview shows how the XYZ color 56.8822, 52.1833, 42.1963 looks on a white background.

Color Contrast Check

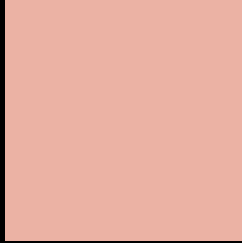
Large Text (above 18pt) WCAG AA × Fail

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 56.8822, 52.1833, 42.1963 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 56.8822, 52.1833, 42.1963

Background



This preview shows how black text looks on a background with the XYZ color 56.8822, 52.1833, 42.1963.



This preview shows how white text looks on a background with the XYZ color 56.8822, 52.1833,

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

56.8822, 52.1833, 42.1963

Protanopia

49.8009, 52.4812, 46.0332

Deuteranopia

53.2665, 52.1410, 41.9071



Tritanopia

59.4730, 52.0801, 54.4948

Trichromacy



Original Color

56.8822, 52.1833, 42.1963

Protanomaly

52.0674, 52.0911, 44.3561

Deuteranomaly

54.3901, 52.1078, 41.8415

Tritanomaly

58.3917, 51.9191, 49.5916

Monochromacy



Original Color

56.8822, 52.1833, 42.1963

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.4391, 52.7537, 51.6746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8822, 52.1833, 42.1963 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(235, 178, 164)` looks like.

```
.text, #text, p{  
    color:rgb(235, 178, 164)  
}
```

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(235, 178, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 178, 164) }
```

Border

The CSS property to change the border of an element to XYZ 56.8822, 52.1833, 42.1963 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(235, 178, 164) }
```


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

```
.border{ border-color:rgb(235, 178, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 178, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 178, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 178, 164);  
box-shadow:4px 4px 4px 4px rgb(235, 178,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8822, 52.1833, 42.1963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 178, 164) }
```

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

```
.background{ background-color: rgb(235,  
178, 164) }
```

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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