

Converting Colors

XYZ(56.6670, 50.9394, 32.7528)

Have a look what the booklet for
XYZ(56.6670, 50.9394, 32.7528)
contains.

XYZ(56.5194, 50.7476, 32.8030)	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(56.5194, 50.7476,
32.8030)**

Conversions

Conversions Part 1

Format	Color
Hex	F2AD8F
RGB	242, 173, 143
RGB Percent	95%, 68%, 56%
CMY	0.0510, 0.3215, 0.4392
CMYK	0.00, 0.29, 0.41, 0.05
HSL	18°, 79%, 75%
HSV	18°, 41%, 95%
XYZ	56.5194, 50.7476, 32.8030
YIQ	190.2110, 50.7540, 5.2980

Conversions

Conversions Part 2

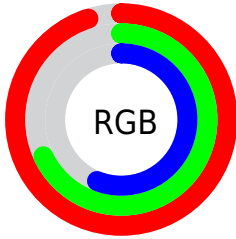
Format	Color
R _Y B	242, 186, 143
Decimal	15904143
CIE Lab	76.53, 21.64, 25.45
CIE LCh	77, 33.408, 49.628
Yxy	50.7476, 0.4035, 0.3623
Android (android.graphics.Color)	4294094223 (0xFFFF2AD8F)
YUV	190.2110, -23.2750, 45.4190
Hunter-Lab	71.2373, 16.9558, 22.5646

Details

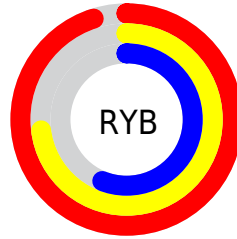
The XYZ color **56.5194, 50.7476, 32.8030** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.8971, 59.3348, 92.7743**, and the grayscale version is **49.1758, 51.7368, 56.3413**.

A 20% lighter version of the original color is **79.3374, 81.3298, 64.3400**, and **28.4154, 24.3960, 13.3365** is the 20% darker color. If you saturate the color by 10%, you get **51.8479, 44.0287, 23.1561**, and if you desaturate by 10%, it is **61.9972, 58.4461, 44.6706**.

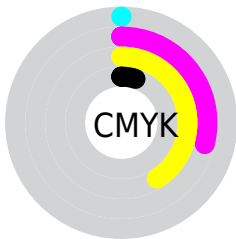
Distribution



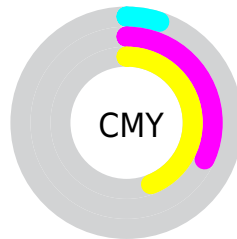
- Red (95%)
- Green (68%)
- Blue (56%)



- Red (95%)
- Yellow (73%)
- Blue (56%)



- Cyan (0%)
- Magenta (29%)
- Yellow (41%)
- Black (5%)





- Cyan (5%)
- Magenta (32%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5194, 50.7476, 32.8030 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 56.5194, 50.7476, 32.8030 by changing the saturation by 10% instead.


 56.5194, 50.7476,
32.8030

 56.5194, 50.7476,
32.8030


401.6893,
389.5824, 329.3659

 40.8581, 36.0078,
21.7057

 98.8990, 91.2816,
65.1803

 28.3954, 24.4402,
13.4446


 126.3481,
117.8445, 87.2974

 18.7659, 15.6605,
7.6011


158.4571,
149.1173, 113.9248

 11.6043, 9.2842,
3.7567

195.5915,
185.4843, 145.4811

 6.5451, 4.9270,
1.4928

238.1165,
227.3299, 182.3848

 3.2231, 2.2045,
0.2126

286.3976,

 1.2728, 0.7225,

275.0385, 225.0545

0.0000

340.8001,
328.9945, 273.9086

■ 0.1627, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5194, 50.7476,
32.8030

■ 56.5194, 50.7476,
32.8030

■ 51.8479, 44.0287,
23.1561

■ 61.9972, 58.4461,
44.6706

■ 47.9379, 38.2414,
15.5865

■ 68.3152, 67.1548,
58.8838

■ 44.7461, 33.3446,
9.9388

■ 75.5099, 76.9123,
75.5617

■ 42.2223, 29.2907,
6.0340

■ 83.6144, 87.7525,
94.8145

■ 40.3085, 26.0268,
3.6583

■ 90.4278, 97.6172,
108.6837

■ 39.0232, 23.6880,
2.5155

Harmonies

Analogous

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



60.5757, 50.7476, 44.3953



56.5194, 50.7476, 32.8030



50.4494, 50.7476, 27.6592

Triad

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



56.5194, 50.7476, 32.8030



37.2662, 50.7476, 49.2383



52.4215, 50.7476, 94.8269

Complementary

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



56.5194, 50.7476, 32.8030



50.8971, 59.3348, 92.7743

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.



46.0845, 50.7476, 96.9206



56.5194, 50.7476, 32.8030



37.6941, 50.7476, 67.7564

Square

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



56.5194, 50.7476, 32.8030



39.5761, 50.7476, 35.6815



40.8008, 50.7476, 86.1474



58.0708, 50.7476, 80.9301

Rectangle

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



56.5194, 50.7476, 32.8030



46.2350, 50.7476, 27.6099



40.8008, 50.7476, 86.1474



50.2900, 50.7476, 97.0344

Sweetspot

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



56.5207, 50.7500, 32.8040



84.0791, 85.3240, 82.8435



58.3621, 43.2912, 67.7661



17.7601, 17.9439, 17.1796



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.



56.5207, 50.7500, 32.8040



59.2606, 50.8490, 27.8282



67.7503, 73.2093, 36.5472



16.1634, 16.5399, 16.4903



21.0686, 12.9352, 1.3863



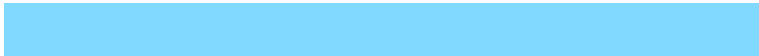
1.8370, 1.2446, 0.1434

Inverse Universe

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



50.8971, 59.3348, 92.7743



52.1098, 61.6622, 103.7633



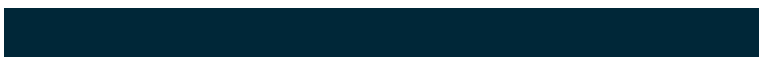
40.4168, 38.3744, 89.2809



15.8195, 17.0731, 20.1833



16.3229, 18.8701, 47.9099



1.4450, 1.7439, 4.0147

Previews

White Background



This preview shows how the XYZ color 56.5194, 50.7476, 32.8030 looks on a white background.

Color Contrast Check

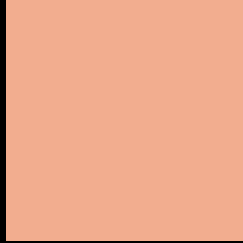
Large Text (above 18pt) WCAG AA × Fail

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 56.5194, 50.7476, 32.8030 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 56.5194, 50.7476, 32.8030

Background



This preview shows how black text looks on a background with the XYZ color 56.5194, 50.7476, 32.8030.



This preview shows how white text looks on a background with the XYZ color 56.5194, 50.7476,

32.8030.

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

56.5194, 50.7476, 32.8030

Protanopia

47.7900, 51.0147, 36.1822

Deuteranopia

51.7630, 50.6588, 32.2492



Tritanopia

59.9993, 50.7539, 50.3502

Trichromacy



Original Color

56.5194, 50.7476, 32.8030

Protanomaly

50.5188, 50.5725, 34.7026

Deuteranomaly

53.4360, 50.6168, 32.5448

Tritanomaly

58.6580, 50.7726, 43.2677

Monochromacy



Original Color

56.5194, 50.7476, 32.8030

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.9778, 50.8534, 46.6640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5194, 50.7476, 32.8030 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, 173, 143)` looks like.

```
.text, #text, p{  
    color:rgb(242, 173, 143)  
}
```

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, 173, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 173, 143) }
```

Border

The CSS property to change the border of an element to XYZ 56.5194, 50.7476, 32.8030 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, 173, 143) }
```


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

```
.border{ border-color:rgb(242, 173, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 173, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 173, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 173, 143);  
box-shadow:4px 4px 4px 4px rgb(242, 173,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5194, 50.7476, 32.8030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 173, 143) }
```

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

```
.background{ background-color: rgb(242,  
173, 143) }
```

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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