

Converting Colors

XYZ(57.7455, 51.5371, 34.2973)

Have a look what the booklet for
XYZ(57.7455, 51.5371, 34.2973)
contains.

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Color

**XYZ(57.6326, 51.5805,
34.1126)**

Conversions

Conversions Part 1

Format	Color
Hex	F4AE92
RGB	244, 174, 146
RGB Percent	96%, 68%, 57%
CMY	0.0431, 0.3176, 0.4274
CMYK	0.00, 0.29, 0.40, 0.04
HSL	17°, 82%, 76%
HSV	17°, 40%, 96%
XYZ	57.6326, 51.5805, 34.1126
YIQ	191.7380, 50.7080, 6.1320

Conversions

Conversions Part 2

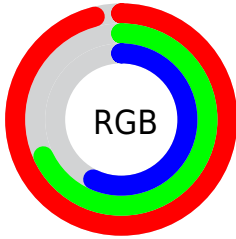
Format	Color
RYB	244, 185, 146
Decimal	16035474
CIELab	77.03, 22.21, 24.56
CIELCh	77, 33.114, 47.873
Yxy	51.5805, 0.4021, 0.3599
Android (android.graphics.Color)	4294225554 (0xFFFF4AE92)
YUV	191.7380, -22.5488, 45.8338
Hunter-Lab	71.8196, 17.5555, 22.1123

Details

The XYZ color **57.6326, 51.5805, 34.1126** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.7381, 61.7521, 94.7277**, and the grayscale version is **50.0579, 52.6648, 57.3519**.

A 20% lighter version of the original color is **79.9621, 82.0238, 66.2613**, and **29.1526, 24.9401, 14.1039** is the 20% darker color. If you saturate the color by 10%, you get **52.7823, 44.6001, 24.1099**, and if you desaturate by 10%, it is **63.3275, 59.6016, 46.3962**.

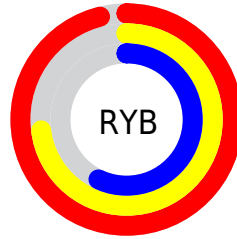
Distribution



Red (96%)

Green (68%)

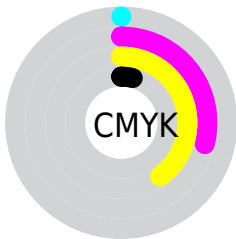
Blue (57%)



Red (96%)

Yellow (73%)

Blue (57%)

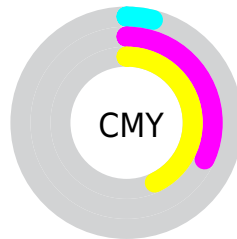


Cyan (0%)

Magenta (29%)

Yellow (40%)

Black (4%)



Cyan (4%)


Magenta (32%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6326, 51.5805, 34.1126 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 57.6326, 51.5805, 34.1126 by changing the saturation by 10% instead.


 57.6326, 51.5805,
34.1126

 57.6326, 51.5805,
34.1126


405.7915,
392.8150, 335.4183

 41.7555, 36.6708,
22.7021


 100.5137, 92.5123,
67.2446

 29.1001, 24.9527,
14.1704


 128.2484,
119.3031, 89.8032

 19.3012, 16.0418,
8.0992

160.6662,
150.8232, 116.9148

 11.9934, 9.5538,
4.0698

198.1327,
187.4568, 148.9981

 6.8114, 5.1041,
1.6637

241.0131,
229.5884, 186.4716

 3.3897, 2.3085,
0.3357

289.6728,

 1.3630, 0.7782,

277.6024, 229.7537

0.0000

344.4772,
331.8831, 279.2631

■ 0.2297, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6326, 51.5805,
34.1126

■ 57.6326, 51.5805,
34.1126

■ 52.7823, 44.6001,
24.1099

■ 63.3275, 59.6016,
46.3962

■ 48.7299, 38.6091,
16.2425

■ 69.9024, 68.6969,
61.0877

■ 45.4300, 33.5630,
10.3528

■ 77.3957, 78.9077,
78.3085

■ 42.8303, 29.4104,
6.2593

■ 85.8420, 90.2708,
98.1707

■ 40.8708, 26.0944,
3.7468

■ 91.1182, 97.9731,
108.7160

■ 39.4814, 23.5794,
2.4704

Harmonies

Analogous

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



61.5178, 51.5805, 46.1490



57.6326, 51.5805, 34.1126



51.6219, 51.5805, 28.5565

Triad

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



57.6326, 51.5805, 34.1126



38.0839, 51.5805, 49.1669



52.8486, 51.5805, 96.1998

Complementary

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



57.6326, 51.5805, 34.1126



52.7381, 61.7521, 94.7277

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.



46.5180, 51.5805, 97.4974



57.6326, 51.5805, 34.1126



38.3507, 51.5805, 67.5286

Square

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



57.6326, 51.5805, 34.1126



40.5581, 51.5805, 35.9115



41.3215, 51.5805, 86.1126



58.5967, 51.5805, 82.8759

Rectangle

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



57.6326, 51.5805, 34.1126



47.3808, 51.5805, 28.2717



41.3215, 51.5805, 86.1126



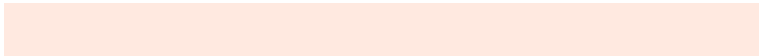
50.7082, 51.5805, 98.1466

Sweetspot

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



57.6339, 51.5830, 34.1136



83.9287, 85.0232, 82.7934



60.0123, 44.7613, 70.6011



17.7249, 17.8734, 17.1679



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.



57.6339, 51.5830, 34.1136



59.3709, 50.7921, 28.7204



68.8221, 73.9594, 37.8430



16.8848, 17.2537, 17.2379



21.5682, 13.0220, 1.3767



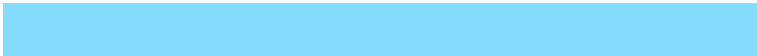
1.9797, 1.3126, 0.1490

Inverse Universe

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



52.7381, 61.7521, 94.7277



53.2588, 63.3720, 104.0327



42.0452, 40.3662, 91.1634



16.5732, 17.9107, 21.1262



17.2602, 20.3141, 49.5493



1.6044, 1.9603, 4.3840

Previews

White Background



This preview shows how the XYZ color 57.6326, 51.5805, 34.1126 looks on a white background.

Color Contrast Check

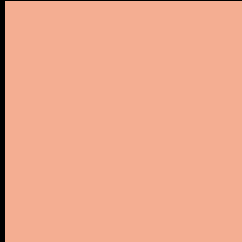
Large Text (above 18pt) WCAG AA × Fail

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 57.6326, 51.5805, 34.1126 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 57.6326, 51.5805, 34.1126

Background



This preview shows how black text looks on a background with the XYZ color 57.6326, 51.5805, 34.1126.



This preview shows how white text looks on a background with the XYZ color 57.6326, 51.5805,

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

57.6326, 51.5805, 34.1126

Protanopia

48.5203, 51.6834, 37.5556

Deuteranopia

52.7080, 51.7279, 33.5920



Tritanopia

60.9892, 51.5275, 50.9873

Trichromacy



Original Color

57.6326, 51.5805, 34.1126

Protanomaly

51.2608, 51.2347, 36.0417

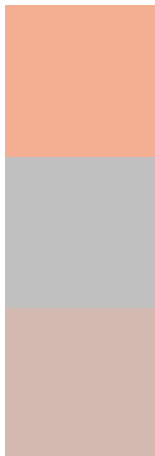
Deuteranomaly

54.3871, 51.6758, 33.8960

Tritanomaly

59.7304, 51.5832, 44.3445

Monochromacy



Original Color

57.6326, 51.5805, 34.1126

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.9508, 51.6420, 47.7872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6326, 51.5805, 34.1126 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, 174, 146)` looks like.

```
.text, #text, p{  
    color:rgb(244, 174, 146)  
}
```

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, 174, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 174, 146) }
```

Border

The CSS property to change the border of an element to XYZ 57.6326, 51.5805, 34.1126 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, 174, 146) }
```


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

```
.border{ border-color:rgb(244, 174, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 174, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 174, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 174, 146);  
box-shadow:4px 4px 4px 4px rgb(244, 174,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6326, 51.5805, 34.1126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 174, 146) }
```

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

```
.background{ background-color: rgb(244,  
174, 146) }
```

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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