

Converting Colors

XYZ(57.6278, 54.6006, 36.3563)

Have a look what the booklet for
XYZ(57.6278, 54.6006, 36.3563)
contains.

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Color

**XYZ(57.5706, 54.4875,
36.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB896
RGB	237, 184, 150
RGB Percent	93%, 72%, 59%
CMY	0.0706, 0.2784, 0.4118
CMYK	0.00, 0.22, 0.37, 0.07
HSL	23°, 71%, 76%
HSV	23°, 37%, 93%
XYZ	57.5706, 54.4875, 36.3370
YIQ	195.9710, 42.5020, 0.6620

Conversions

Conversions Part 2

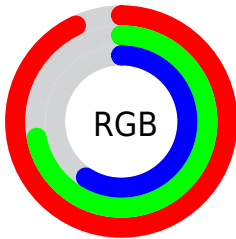
Format	Color
R _Y B	237, 206, 150
Decimal	15579286
CIE Lab	78.75, 14.66, 24.63
CIE LCh	79, 28.663, 59.227
Yxy	54.4875, 0.3880, 0.3672
Android (android.graphics.Color)	4293769366 (0xFFEDB896)
YUV	195.9710, -22.6637, 35.9824
Hunter-Lab	73.8156, 10.0391, 22.4845

Details

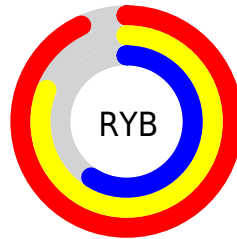
The XYZ color **57.5706, 54.4875, 36.3370** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.2190, 55.3085, 88.2024**, and the grayscale version is **52.5669, 55.3045, 60.2266**.

A 20% lighter version of the original color is **83.2992, 87.9398, 69.7105**, and **29.1908, 26.8368, 15.4459** is the 20% darker color. If you saturate the color by 10%, you get **53.0046, 48.1070, 26.3328**, and if you desaturate by 10%, it is **62.8314, 61.6397, 48.4781**.

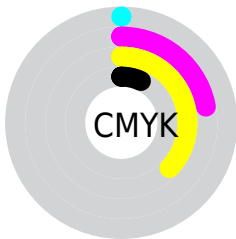
Distribution



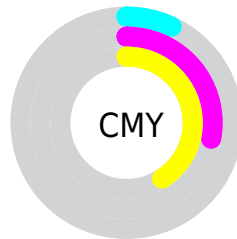
- Red (93%)
- Green (72%)
- Blue (59%)



- Red (93%)
- Yellow (81%)
- Blue (59%)



- Cyan (0%)
- Magenta (22%)
- Yellow (37%)
- Black (7%)





- Cyan (7%)
- Magenta (28%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5706, 54.4875, 36.3370 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 57.5706, 54.4875, 36.3370 by changing the saturation by 10% instead.


 57.5706, 54.4875,
36.3370

 57.5706, 54.4875,
36.3370


405.5637,
403.9663, 345.5130

 41.7055, 38.9915,
24.4028


 100.4239, 96.7897,
70.7268

 29.0608, 26.7532,
15.4177


 128.1427,
124.3647, 94.0195

 19.2714, 17.3879,
8.9632


160.5434,
156.7348, 121.9354

 11.9717, 10.5115,
4.6207

197.9915,
194.2844, 154.8932

 6.7965, 5.7394,
1.9717

240.8522,
237.3980, 193.3113

 3.3803, 2.6873,
0.5378

289.4909,

 1.3579, 0.9707,

286.4599, 237.6082

0.0000

344.2729,
341.8545, 288.2026

■ 0.2260, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5706, 54.4875,
36.3370

■ 57.5706, 54.4875,
36.3370

■ 53.0046, 48.1070,
26.3328

■ 62.8314, 61.6397,
48.4781

■ 49.0968, 42.4628,
18.3358

■ 68.8131, 69.5819,
62.8687

■ 45.8129, 37.5279,
12.2074

■ 75.5453, 78.3415,
79.6174

■ 43.1136, 33.2705,
7.7893

■ 83.0547, 87.9420,
98.8246

■ 40.9538, 29.6555,
4.8968

■ 88.7351, 96.7446,
108.6045

■ 39.2783, 26.6426,
3.2964

■ 38.8074, 25.7692,
2.9286

Harmonies

Analogous

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



61.8998, 54.4875, 45.3481



57.5706, 54.4875, 36.3370



51.9360, 54.4875, 33.2591

Triad

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



57.5706, 54.4875, 36.3370



41.6325, 54.4875, 58.9074



57.2977, 54.4875, 90.9677

Complementary

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



57.5706, 54.4875, 36.3370



49.2190, 55.3085, 88.2024

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.



51.6418, 54.4875, 96.3535



57.5706, 54.4875, 36.3370



42.8435, 54.4875, 75.9200

Square

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



57.5706, 54.4875, 36.3370



42.9732, 54.4875, 44.7409



46.4076, 54.4875, 90.4088



61.7343, 54.4875, 76.7832

Rectangle

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



57.5706, 54.4875, 36.3370



48.2801, 54.4875, 34.4556



46.4076, 54.4875, 90.4088



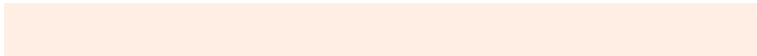
55.4634, 54.4875, 93.9705

Sweetspot

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



57.5720, 54.4901, 36.3381



85.6476, 87.9021, 85.0896



56.6889, 44.1606, 62.4434



18.1006, 18.5134, 17.6367



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.



57.5720, 54.4901, 36.3381



63.8799, 58.6314, 33.8574



67.8584, 75.0630, 39.7669



15.5484, 16.0197, 15.7913



21.3061, 14.3065, 1.6385



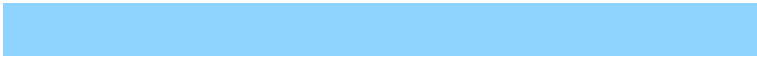
1.7642, 1.3057, 0.1590

Inverse Universe

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



49.2190, 55.3085, 88.2024



52.6735, 59.7026, 103.3553



40.4611, 37.7928, 85.2831



14.9948, 16.0761, 19.2349



13.9523, 14.5516, 45.8163



1.1887, 1.3288, 3.6287

Previews

White Background



This preview shows how the XYZ color 57.5706, 54.4875, 36.3370 looks on a white background.

Color Contrast Check

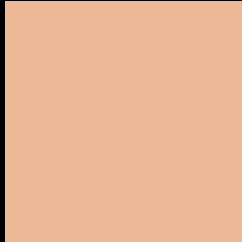
Large Text (above 18pt) WCAG AA × Fail

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 57.5706, 54.4875, 36.3370 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 57.5706, 54.4875, 36.3370

Background



This preview shows how black text looks on a background with the XYZ color 57.5706, 54.4875, 36.3370.



This preview shows how white text looks on a background with the XYZ color 57.5706, 54.4875,

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

57.5706, 54.4875, 36.3370

Protanopia

51.4439, 54.8067, 38.8777

Deuteranopia

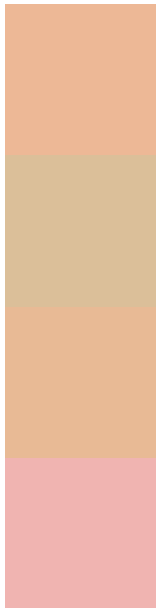
55.5082, 54.3686, 36.0024



Tritanopia

61.7105, 54.3473, 57.1068

Trichromacy



Original Color

57.5706, 54.4875, 36.3370

Protanomaly

53.5940, 54.6216, 37.8553

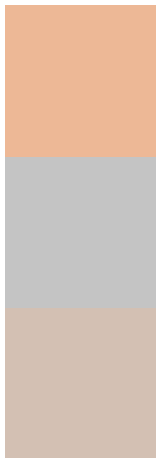
Deuteranomaly

56.2624, 54.4435, 35.9771

Tritanomaly

60.1923, 54.3421, 48.9116

Monochromacy



Original Color

57.5706, 54.4875, 36.3370

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.8503, 54.8028, 50.3876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5706, 54.4875, 36.3370 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(237, 184, 150)` looks like.

```
.text, #text, p{  
    color:rgb(237, 184, 150)  
}
```

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(237, 184, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 184, 150) }
```

Border

The CSS property to change the border of an element to XYZ 57.5706, 54.4875, 36.3370 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(237, 184, 150) }
```


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

```
.border{ border-color:rgb(237, 184, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 184, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 184, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 184, 150);  
box-shadow:4px 4px 4px 4px rgb(237, 184,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5706, 54.4875, 36.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 184, 150) }
```

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

```
.background{ background-color: rgb(237,  
184, 150) }
```

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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