

Converting Colors

XYZ(57.8912, 52.9821, 41.0156)

Have a look what the booklet for
XYZ(57.8912, 52.9821, 41.0156)
contains.

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Color

**XYZ(57.8130, 52.9906,
40.8993)**

Conversions

Conversions Part 1

Format	Color
Hex	EEB3A1
RGB	238, 179, 161
RGB Percent	93%, 70%, 63%
CMY	0.0667, 0.2980, 0.3686
CMYK	0.00, 0.25, 0.32, 0.07
HSL	14°, 69%, 78%
HSV	14°, 32%, 93%
XYZ	57.8130, 52.9906, 40.8993
YIQ	194.5890, 40.9420, 6.9100

Conversions

Conversions Part 2

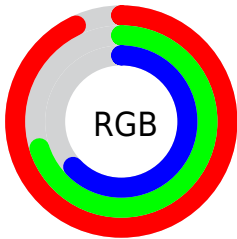
Format	Color
RYB	238, 184, 161
Decimal	15643553
CIELab	77.87, 19.03, 17.54
CIELCh	78, 25.881, 42.661
Yxy	52.9906, 0.3811, 0.3493
Android (android.graphics.Color)	4293833633 (0xFFEEB3A1)
YUV	194.5890, -16.5594, 38.0714
Hunter-Lab	72.7946, 14.3728, 17.6445

Details

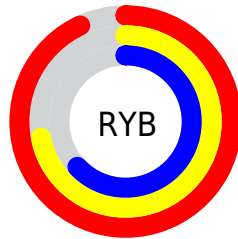
The XYZ color **57.8130, 52.9906, 40.8993** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.7227, 64.9341, 90.4856**, and the grayscale version is **51.7068, 54.3996, 59.2411**.

A 20% lighter version of the original color is **83.3430, 85.6345, 77.1022**, and **29.2772, 25.8496, 17.9144** is the 20% darker color. If you saturate the color by 10%, you get **52.4947, 45.3990, 29.7388**, and if you desaturate by 10%, it is **64.0169, 61.7136, 54.3269**.

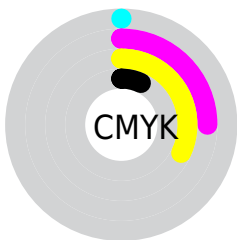
Distribution



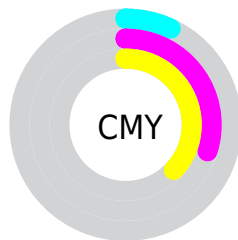
- Red (93%)
- Green (70%)
- Blue (63%)



- Red (93%)
- Yellow (72%)
- Blue (63%)



- Cyan (0%)
- Magenta (25%)
- Yellow (32%)
- Black (7%)





- Cyan (7%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.8130, 52.9906, 40.8993 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 57.8130, 52.9906, 40.8993 by changing the saturation by 10% instead.


 57.8130, 52.9906,
40.8993


 57.8130, 52.9906,
40.8993

406.4539,
398.2491, 365.5637

 41.9010, 37.7953,
27.9213


 100.7750, 94.5905,
77.7830

 29.2146, 25.8238,
18.0278


 128.5558,
121.7639, 102.5258

 19.3883, 16.6919,
10.8003


161.0235,
153.6988, 132.0273

 12.0568, 10.0151,
5.8202

198.5435,
190.7795, 166.7060

 6.8549, 5.4089,
2.6691

241.4812,
233.3905, 206.9804

 3.4170, 2.4891,
0.9278

290.2019,

 1.3779, 0.8712,

281.9162, 253.2692

0.0000

345.0710,
336.7409, 305.9908

■ 0.2404, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8130, 52.9906,
40.8993

■ 57.8130, 52.9906,
40.8993

■ 52.4947, 45.3990,
29.7388

■ 64.0169, 61.7136,
54.3269

■ 48.0162, 38.8846,
20.7162

■ 71.1410, 71.6044,
70.1346

■ 44.3340, 33.3997,
13.6943

■ 79.2229, 82.7071,
88.4317

■ 41.3984, 28.8901,
8.5180

■ 88.1031, 94.9836,
108.2979

■ 39.1538, 25.2963,
5.0097

■ 89.0699, 96.9171,
108.6201

■ 37.5358, 22.5516,
2.9555

■ 36.6573, 20.9719,
2.1159

Harmonies

Analogous

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



60.3968, 52.9906, 51.8408



57.8130, 52.9906, 40.8993



53.3016, 52.9906, 35.1035

Triad

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



57.8130, 52.9906, 40.8993



41.6919, 52.9906, 49.8354



52.5143, 52.9906, 89.1377

Complementary

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



57.8130, 52.9906, 40.8993



55.7227, 64.9341, 90.4856

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.



47.5401, 52.9906, 88.3586



57.8130, 52.9906, 40.8993



41.5122, 52.9906, 63.9800

Square

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



57.8130, 52.9906, 40.8993



44.0961, 52.9906, 39.6424



43.5876, 52.9906, 78.5617



57.2037, 52.9906, 80.5405

Rectangle

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



57.8130, 52.9906, 40.8993



49.9186, 52.9906, 34.2292



43.5876, 52.9906, 78.5617



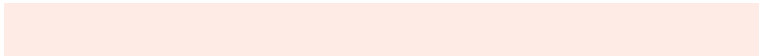
50.8161, 52.9906, 90.0001

Sweetspot

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



57.8144, 52.9931, 40.9004



85.2938, 86.6271, 86.7205



60.9277, 48.8364, 73.9486



17.9826, 18.1644, 17.9460



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.



57.8144, 52.9931, 40.9004



63.2837, 55.8071, 38.6895



66.6264, 70.6172, 43.8377



16.0728, 16.3586, 16.4601



20.5329, 11.8638, 1.2077



1.7819, 1.1345, 0.1251

Inverse Universe

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



55.7227, 64.9341, 90.4856



60.4583, 71.8130, 105.2825



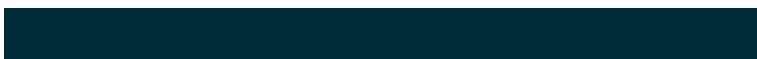
46.7636, 47.0157, 87.4992



15.9158, 17.2658, 20.2154



18.0859, 22.3959, 48.4975



1.5795, 2.0129, 4.0595

Previews

White Background



This preview shows how the XYZ color 57.8130, 52.9906, 40.8993 looks on a white background.

Color Contrast Check

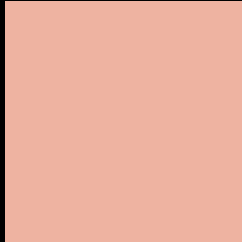
Large Text (above 18pt) WCAG AA × Fail

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 57.8130, 52.9906, 40.8993 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 57.8130, 52.9906, 40.8993

Background



This preview shows how black text looks on a background with the XYZ color 57.8130, 52.9906, 40.8993.



This preview shows how white text looks on a background with the XYZ color 57.8130, 52.9906,

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

57.8130, 52.9906, 40.8993

Protanopia

50.2746, 53.0830, 44.6421

Deuteranopia

54.1256, 52.9240, 40.6203



Tritanopia

60.6827, 52.9916, 54.6070

Trichromacy



Original Color

57.8130, 52.9906, 40.8993

Protanomaly

52.5862, 52.7043, 42.9987

Deuteranomaly

55.2736, 52.8990, 40.5550

Tritanomaly

59.4964, 52.7903, 49.1732

Monochromacy



Original Color

57.8130, 52.9906, 40.8993

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.6088, 53.6630, 52.3322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8130, 52.9906, 40.8993 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(238, 179, 161)` looks like.

```
.text, #text, p{  
    color:rgb(238, 179, 161)  
}
```

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(238, 179, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 179, 161) }
```

Border

The CSS property to change the border of an element to XYZ 57.8130, 52.9906, 40.8993 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(238, 179, 161) }
```


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

```
.border{ border-color:rgb(238, 179, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 179, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 179, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 179, 161);  
box-shadow:4px 4px 4px 4px rgb(238, 179,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8130, 52.9906, 40.8993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 179, 161) }
```

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

```
.background{ background-color: rgb(238,  
179, 161) }
```

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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