

Converting Colors

XYZ(57.2066, 53.7460, 47.4033)

Have a look what the booklet for
XYZ(57.2066, 53.7460, 47.4033)
contains.

XYZ(57.2066, 53.7460, 47.4033)	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(57.2066, 53.7460,
47.4033)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B7AE
RGB	230, 183, 174
RGB Percent	90%, 72%, 68%
CMY	0.0980, 0.2823, 0.3176
CMYK	0.00, 0.20, 0.24, 0.10
HSL	10°, 53%, 79%
HSV	10°, 24%, 90%
XYZ	57.2066, 53.7460, 47.4033
YIQ	196.0270, 30.9010, 7.1650

Conversions

Conversions Part 2

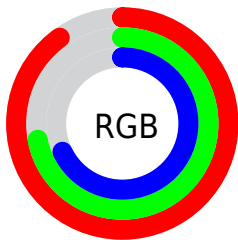
Format	Color
R _Y B	230, 185, 174
Decimal	15120302
CIE Lab	78.31, 15.63, 11.03
CIE LCh	78, 19.131, 35.201
Yxy	53.7460, 0.3613, 0.3394
Android (android.graphics.Color)	4293310382 (0xFFE6B7AE)
YUV	196.0270, -10.8593, 29.7943
Hunter-Lab	73.3117, 10.9918, 12.9813

Details

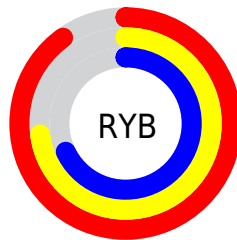
The XYZ color **57.2066, 53.7460, 47.4033** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.5942, 66.4228, 84.6485**, and the grayscale version is **52.5369, 55.2729, 60.1922**.

A 20% lighter version of the original color is **86.2494, 88.6501, 86.6941**, and **28.9510, 26.3691, 21.9762** is the 20% darker color. If you saturate the color by 10%, you get **51.4418, 45.5026, 35.3503**, and if you desaturate by 10%, it is **63.9042, 63.2399, 61.6626**.

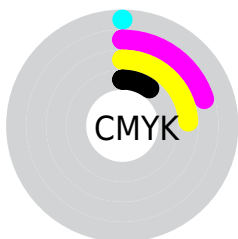
Distribution



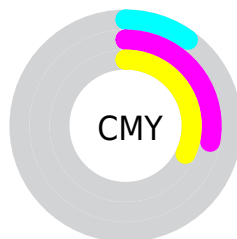
- Red (90%)
- Green (72%)
- Blue (68%)



- Red (90%)
- Yellow (73%)
- Blue (68%)



- Cyan (0%)
- Magenta (20%)
- Yellow (24%)
- Black (10%)





- Cyan (10%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2066, 53.7460, 47.4033 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 57.2066, 53.7460, 47.4033 by changing the saturation by 10% instead.


 57.2066, 53.7460,
47.4033

 57.2066, 53.7460,
47.4033


404.2247,
401.1407, 392.8623

 41.4119, 38.3986,
32.9980


 99.8962, 95.7012,
87.6716

 28.8302, 26.2922,
21.8538


127.5218,
123.0778, 114.3716

 19.0960, 17.0424,
13.5522


159.8218,
155.2330, 146.0070

 11.8441, 10.2647,
7.6747

197.1615,
192.5511, 182.9962

 6.7091, 5.5748,
3.8027

239.9063,
235.4165, 225.7578

 3.3255, 2.5883,
1.5178

288.4215,

 1.3282, 0.9208,

284.2136, 274.7103

0.2311

343.0726,
339.3269, 330.2723

■ 0.2041, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2066, 53.7460,
47.4033

■ 57.2066, 53.7460,
47.4033

■ 51.4418, 45.5026,
35.3503

■ 63.9042, 63.2399,
61.6626

■ 46.5639, 38.4502,
25.3900

■ 71.5693, 74.0256,
78.2274

■ 42.5295, 32.5357,
17.4034

■ 80.2401, 86.1521,
97.1951

■ 39.2896, 27.6990,
11.2585

■ 86.4432, 95.5631,
108.4972

■ 36.7903, 23.8741,
6.8069

■ 34.9705, 20.9880,
3.8771

■ 33.7585, 18.9573,
2.2607

■ 33.2943, 18.1451,
1.7476

Harmonies

Analogous

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



58.6081, 53.7460, 56.6679



57.2066, 53.7460, 47.4033



54.1690, 53.7460, 41.7017

Triad

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



57.2066, 53.7460, 47.4033



44.8128, 53.7460, 50.2775



51.7405, 53.7460, 81.5938

Complementary

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



57.2066, 53.7460, 47.4033



57.5942, 66.4228, 84.6485

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.



48.1183, 53.7460, 79.3438



57.2066, 53.7460, 47.4033



44.2331, 53.7460, 60.4126

Square

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



57.2066, 53.7460, 47.4033



47.0384, 53.7460, 43.2133



45.4145, 53.7460, 71.2521



55.3550, 53.7460, 77.0722

Rectangle

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



57.2066, 53.7460, 47.4033



51.6897, 53.7460, 40.2569



45.4145, 53.7460, 71.2521



50.4830, 53.7460, 81.6095

Sweetspot

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



57.2080, 53.7485, 47.4044



87.7140, 89.7153, 92.9295



60.9009, 52.3482, 75.7212



18.6453, 19.0213, 19.6110



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.



57.2080, 53.7485, 47.4044



68.6425, 62.7121, 52.2297



63.4190, 66.1704, 49.4747



14.5632, 14.7404, 14.9821



18.9071, 10.3884, 1.0087



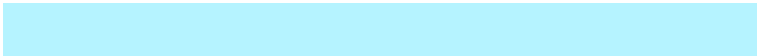
1.4543, 0.8818, 0.0936

Inverse Universe

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



57.5942, 66.4228, 84.6485



69.2010, 81.2163, 106.6368



50.9419, 53.1182, 82.4311



14.5998, 15.9209, 18.4479



18.9603, 24.9827, 46.2060



1.4541, 1.9522, 3.4321

Previews

White Background



This preview shows how the XYZ color 57.2066, 53.7460, 47.4033 looks on a white background.

Color Contrast Check

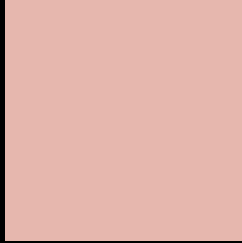
Large Text (above 18pt) WCAG AA × Fail

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 57.2066, 53.7460, 47.4033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

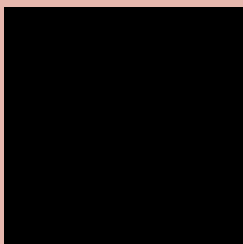
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2066, 53.7460, 47.4033

Background



This preview shows how black text looks on a background with the XYZ color 57.2066, 53.7460, 47.4033.



This preview shows how white text looks on a background with the XYZ color 57.2066, 53.7460,

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

57.2066, 53.7460, 47.4033

Protanopia

51.2940, 53.8121, 50.3311

Deuteranopia

54.8283, 53.7734, 47.0247



Tritanopia

59.3376, 53.6934, 58.2754

Trichromacy



Original Color

57.2066, 53.7460, 47.4033

Protanomaly

53.2848, 53.5666, 49.1259

Deuteranomaly

55.8422, 53.9822, 47.0116

Tritanomaly

58.4485, 53.6245, 54.2837

Monochromacy



Original Color

57.2066, 53.7460, 47.4033

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.7203, 54.3023, 55.2270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2066, 53.7460, 47.4033 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(230, 183, 174)` looks like.

```
.text, #text, p{  
    color:rgb(230, 183, 174)  
}
```

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(230, 183, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 183, 174) }
```

Border

The CSS property to change the border of an element to XYZ 57.2066, 53.7460, 47.4033 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(230, 183, 174) }
```


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

```
.border{ border-color:rgb(230, 183, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 183, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 183, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 183, 174);  
box-shadow:4px 4px 4px 4px rgb(230, 183,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2066, 53.7460, 47.4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 183, 174) }
```

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

```
.background{ background-color: rgb(230,  
183, 174) }
```

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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