

Converting Colors

XYZ(60.2733, 57.6575, 47.9977)

Have a look what the booklet for
XYZ(60.2733, 57.6575, 47.9977)
contains.

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Color

**XYZ(60.3144, 57.5451,
47.9728)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBEAE
RGB	235, 190, 174
RGB Percent	92%, 75%, 68%
CMY	0.0784, 0.2549, 0.3176
CMYK	0.00, 0.19, 0.26, 0.08
HSL	16°, 60%, 80%
HSV	16°, 26%, 92%
XYZ	60.3144, 57.5451, 47.9728
YIQ	201.6310, 31.9560, 4.5640

Conversions

Conversions Part 2

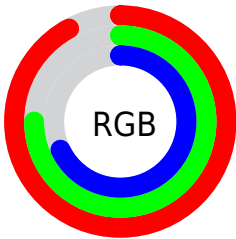
Format	Color
R_{YB}	235, 196, 174
Decimal	15449774
CIE _{Lab}	80.49, 13.78, 14.17
CIE _{LCh}	80, 19.765, 45.792
Yxy	57.5451, 0.3637, 0.3470
Android (android.graphics.Color)	4293639854 (0xFFEBBEAE)
YUV	201.6310, -13.6221, 29.2646
Hunter-Lab	75.8585, 9.1714, 15.6060

Details

The XYZ color **60.3144, 57.5451, 47.9728** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.7818, 65.6579, 88.2254**, and the grayscale version is **55.9786, 58.8939, 64.1354**.

A 20% lighter version of the original color is **88.3386, 92.8287, 87.3905**, and **30.8186, 28.7614, 22.3395** is the 20% darker color. If you saturate the color by 10%, you get **54.6872, 49.6418, 35.7658**, and if you desaturate by 10%, it is **66.7920, 66.5071, 62.4420**.

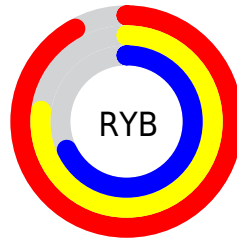
Distribution



Red (92%)

Green (75%)

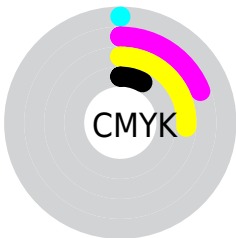
Blue (68%)



Red (92%)

Yellow (77%)

Blue (68%)

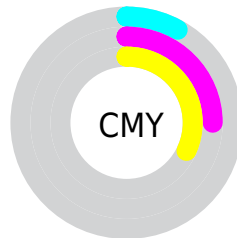


Cyan (0%)

Magenta (19%)

Yellow (26%)

Black (8%)



Cyan (8%)

Magenta (25%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3144, 57.5451, 47.9728 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 60.3144, 57.5451, 47.9728 by changing the saturation by 10% instead.


 60.3144, 57.5451,
47.9728

 60.3144, 57.5451,
47.9728


415.5719,
415.4887, 395.1899

 43.9225, 41.4430,
33.4455


 104.3894,
101.2601, 88.5290

 30.8073, 28.6654,
22.1940

132.8032,
129.6419, 115.3951

 20.6032, 18.8279,
13.7999


165.9550,
162.8857, 147.2111

 12.9451, 11.5460,
7.8444

204.2102,
201.3759, 184.3956

 7.4675, 6.4353,
3.9092

247.9341,
245.4969, 227.3672

 3.8051, 3.1116,
1.5757

297.4921,

 1.5924, 1.1902,

295.6331, 276.5445

0.2734

353.2496,
352.1689, 332.3458

■ 0.3875, 0.0537,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3144, 57.5451,
47.9728

■ 60.3144, 57.5451,
47.9728

■ 54.6872, 49.6418,
35.7658

■ 66.7920, 66.5071,
62.4420

■ 49.8695, 42.7497,
25.7023

■ 74.1497, 76.5573,
79.2766

■ 45.8234, 36.8294,
17.6579

■ 82.4212, 87.7338,
98.5781

■ 42.5063, 31.8358,
11.4943

■ 88.0711, 96.4022,
108.5734

■ 39.8708, 27.7199,
7.0550

■ 37.8634, 24.4277,
4.1583

■ 36.4208, 21.8983,
2.5800

■ 35.9651, 21.0704,
2.1714

Harmonies

Analogous

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



62.5470, 57.5451, 56.7733



60.3144, 57.5451, 47.9728



56.6313, 57.5451, 43.4047

Triad

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



60.3144, 57.5451, 47.9728



47.4783, 57.5451, 57.3336



56.8447, 57.5451, 86.6976

Complementary

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



60.3144, 57.5451, 47.9728



57.7818, 65.6579, 88.2254

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.



52.8031, 57.5451, 86.8962



60.3144, 57.5451, 47.9728



47.5290, 57.5451, 68.9334

Square

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



60.3144, 57.5451, 47.9728



49.2934, 57.5451, 48.3391



49.4357, 57.5451, 80.0677



60.4773, 57.5451, 79.5546

Rectangle

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



60.3144, 57.5451, 47.9728



53.9117, 57.5451, 42.9606



49.4357, 57.5451, 80.0677



55.4856, 57.5451, 87.6059

Sweetspot

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



60.3159, 57.5478, 47.9740



87.3237, 89.5272, 90.9726



62.2827, 53.0890, 74.5017



18.3969, 18.7619, 18.7961



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.



60.3159, 57.5478, 47.9740



68.9676, 64.1847, 49.8023



67.4290, 71.7739, 50.3450



15.3868, 15.6967, 15.7375



20.1045, 11.9032, 1.2379



1.6550, 1.0873, 0.1226

Inverse Universe

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



57.7818, 65.6579, 88.2254



65.4399, 75.4378, 105.7196



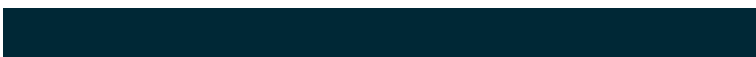
50.7030, 51.5004, 85.8658



15.1639, 16.4142, 19.2913



16.8083, 20.2636, 46.7683



1.3974, 1.7462, 3.6983

Previews

White Background



This preview shows how the XYZ color 60.3144, 57.5451, 47.9728 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 60.3144, 57.5451, 47.9728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

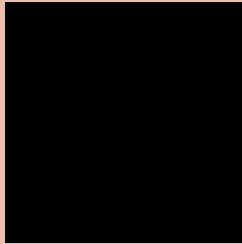
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3144, 57.5451, 47.9728

Background



This preview shows how black text looks on a background with the XYZ color 60.3144, 57.5451, 47.9728.



This preview shows how white text looks on a background with the XYZ color 60.3144, 57.5451,

47.9728.

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

60.3144, 57.5451, 47.9728

Protanopia

54.5725, 57.5114, 50.8724

Deuteranopia

59.0230, 57.8539, 48.1005



Tritanopia

63.2441, 57.4651, 62.4021

Trichromacy



Original Color

60.3144, 57.5451, 47.9728

Protanomaly

56.5892, 57.5596, 49.7225

Deuteranomaly

59.4446, 57.7442, 48.0571

Tritanomaly

62.0993, 57.3068, 57.0785

Monochromacy



Original Color

60.3144, 57.5451, 47.9728

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.4401, 58.4901, 58.1315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3144, 57.5451, 47.9728 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(235, 190, 174)` looks like.

```
.text, #text, p{  
    color:rgb(235, 190, 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(235, 190, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 190, 174) }
```

Border

The CSS property to change the border of an element to XYZ 60.3144, 57.5451, 47.9728 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(235, 190, 174) }
```


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

```
.border{ border-color:rgb(235, 190, 174) }
```

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

Here you see how a box with a 4 pixel rgb(235, 190, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 190, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 190, 174);  
box-shadow:4px 4px 4px 4px rgb(235, 190,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3144, 57.5451, 47.9728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 190, 174) }
```

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

```
.background{ background-color: rgb(235,  
190, 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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