

Converting Colors

XYZ(60.9612, 58.1085, 47.5685)

Have a look what the booklet for
XYZ(60.9612, 58.1085, 47.5685)
contains.

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Color

**XYZ(61.0987, 58.2833,
47.5647)**

Conversions

Conversions Part 1

Format	Color
Hex	EDBFAD
RGB	237, 191, 173
RGB Percent	93%, 75%, 68%
CMY	0.0706, 0.2510, 0.3216
CMYK	0.00, 0.19, 0.27, 0.07
HSL	17°, 64%, 80%
HSV	17°, 27%, 93%
XYZ	61.0987, 58.2833, 47.5647
YIQ	202.7020, 33.1940, 4.1540

Conversions

Conversions Part 2

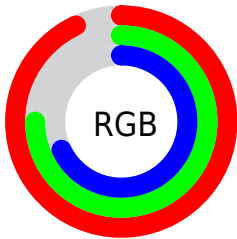
Format	Color
R _Y B	237, 198, 173
Decimal	15581101
CIE Lab	80.90, 13.86, 15.31
CIE LCh	81, 20.654, 47.833
Yxy	58.2833, 0.3660, 0.3491
Android (android.graphics.Color)	4293771181 (0xFFEDBFAD)
YUV	202.7020, -14.6431, 30.0793
Hunter-Lab	76.3435, 9.2548, 16.5007

Details

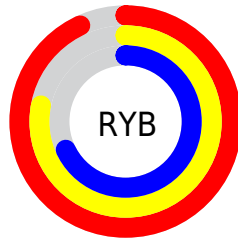
The XYZ color **61.0987, 58.2833, 47.5647** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.8504, 65.6597, 89.7456**, and the grayscale version is **56.6535, 59.6039, 64.9086**.

A 20% lighter version of the original color is **88.5044, 93.3830, 86.7588**, and **31.3621, 29.2607, 22.0841** is the 20% darker color. If you saturate the color by 10%, you get **55.5050, 50.4460, 35.3717**, and if you desaturate by 10%, it is **67.5343, 67.1527, 62.0465**.

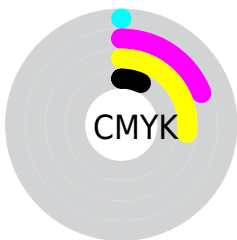
Distribution



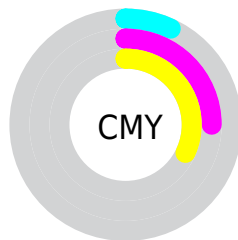
- Red (93%)
- Green (75%)
- Blue (68%)



- Red (93%)
- Yellow (78%)
- Blue (68%)



- Cyan (0%)
- Magenta (19%)
- Yellow (27%)
- Black (7%)





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0987, 58.2833, 47.5647 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 61.0987, 58.2833, 47.5647 by changing the saturation by 10% instead.


 61.0987, 58.2833,
47.5647

 61.0987, 58.2833,
47.5647

418.4059,
418.2407, 393.5229

 44.5577, 42.0364,
33.1248


 105.5191,
102.3353, 87.9147

 31.3090, 29.1298,
21.9501


134.1293,
130.9092, 114.6619

 20.9872, 19.1791,
13.6223


167.4931,
164.3610, 146.3485

 13.2271, 11.7997,
7.7227

205.9761,
203.0749, 183.3932

 7.6632, 6.6075,
3.8328

249.9435,
247.4355, 226.2144

 3.9302, 3.2178,
1.5341

299.7607,

 1.6627, 1.2465,

297.8270, 275.2308

0.2431

355.7930,
354.6340, 330.8607

■ 0.4328, 0.0992,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0987, 58.2833,
47.5647

■ 61.0987, 58.2833,
47.5647

■ 55.5050, 50.4460,
35.3717

■ 67.5343, 67.1527,
62.0465

■ 50.7123, 43.5946,
25.3458

■ 74.8412, 77.0821,
78.9231

■ 46.6832, 37.6913,
17.3594

■ 83.0528, 88.1085,
98.2981

■ 43.3751, 32.6926,
11.2698

■ 88.7352, 96.7446,
108.6045

■ 40.7407, 28.5514,
6.9158

■ 38.7265, 25.2157,
4.1086

■ 37.2671, 22.6262,
2.6070

■ 36.9130, 21.9803,
2.2971

Harmonies

Analogous

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



63.5942, 58.2833, 56.5218



61.0987, 58.2833, 47.5647



57.1467, 58.2833, 43.1207

Triad

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



61.0987, 58.2833, 47.5647



47.7447, 58.2833, 58.6282



57.9518, 58.2833, 88.6074

Complementary

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



61.0987, 58.2833, 47.5647



57.8504, 65.6597, 89.7456

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.



53.6824, 58.2833, 89.3619



61.0987, 58.2833, 47.5647



47.9354, 58.2833, 70.9453

Square

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



61.0987, 58.2833, 47.5647



49.5255, 58.2833, 48.9354



50.0607, 58.2833, 82.5538



61.7141, 58.2833, 80.6085

Rectangle

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



61.0987, 58.2833, 47.5647



54.2839, 58.2833, 42.8823



50.0607, 58.2833, 82.5538



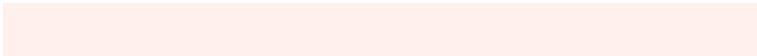
56.5242, 58.2833, 89.7507

Sweetspot

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



61.1002, 58.2860, 47.5659



87.4376, 89.7551, 91.0106



62.7785, 53.0561, 74.5964



18.4254, 18.8189, 18.8056



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.



61.1002, 58.2860, 47.5659



68.6420, 63.9334, 48.4610



68.6073, 73.3001, 50.0682



15.4105, 15.7440, 15.7454



20.2487, 12.1917, 1.2860



1.6690, 1.1154, 0.1273

Inverse Universe

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



57.8504, 65.6597, 89.7456



64.2411, 73.8878, 105.4836



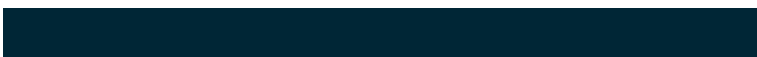
50.4893, 50.9373, 87.2918



15.1388, 16.3640, 19.2829



16.3437, 19.3344, 46.6135



1.3641, 1.6796, 3.6872

Previews

White Background



This preview shows how the XYZ color 61.0987, 58.2833, 47.5647 looks on a white background.

Color Contrast Check

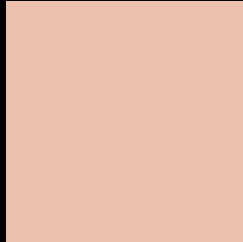
Large Text (above 18pt) WCAG AA × Fail

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 61.0987, 58.2833, 47.5647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

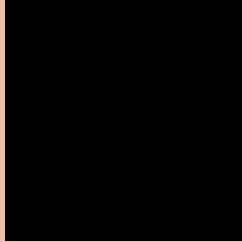
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0987, 58.2833, 47.5647

Background



This preview shows how black text looks on a background with the XYZ color 61.0987, 58.2833, 47.5647.



This preview shows how white text looks on a background with the XYZ color 61.0987, 58.2833,

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

61.0987, 58.2833, 47.5647

Protanopia

55.2685, 58.2245, 50.4450

Deuteranopia

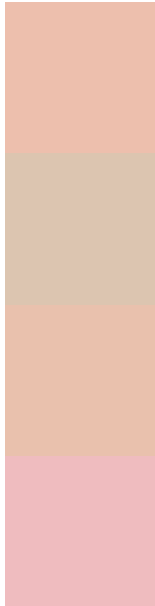
59.7896, 58.5896, 47.6928



Tritanopia

64.2481, 58.2830, 63.1218

Trichromacy



Original Color

61.0987, 58.2833, 47.5647

Protanomaly

57.3179, 58.2827, 49.3030

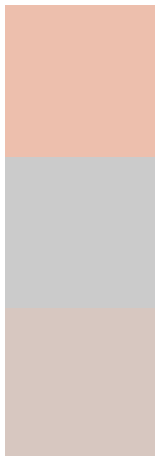
Deuteranomaly

60.2171, 58.4807, 47.6493

Tritanomaly

62.9838, 58.0787, 57.1809

Monochromacy



Original Color

61.0987, 58.2833, 47.5647

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.9622, 59.0997, 58.2216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0987, 58.2833, 47.5647 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, 191, 173)` looks like.

```
.text, #text, p{  
    color:rgb(237, 191, 173)  
}
```

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, 191, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 191, 173) }
```

Border

The CSS property to change the border of an element to XYZ 61.0987, 58.2833, 47.5647 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, 191, 173) }
```


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

```
.border{ border-color:rgb(237, 191, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 191, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 191, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 191, 173);  
box-shadow:4px 4px 4px 4px rgb(237, 191,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0987, 58.2833, 47.5647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 191, 173) }
```

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

```
.background{ background-color: rgb(237,  
191, 173) }
```

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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