

Converting Colors

XYZ(59.3829, 55.8331, 47.1753)

Have a look what the booklet for
XYZ(59.3829, 55.8331, 47.1753)
contains.

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Color

**XYZ(59.3627, 55.7971,
47.1763)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBAAD
RGB	235, 186, 173
RGB Percent	92%, 73%, 68%
CMY	0.0784, 0.2706, 0.3216
CMYK	0.00, 0.21, 0.26, 0.08
HSL	13°, 61%, 80%
HSV	13°, 26%, 92%
XYZ	59.3627, 55.7971, 47.1763
YIQ	199.1690, 33.3770, 6.3450

Conversions

Conversions Part 2

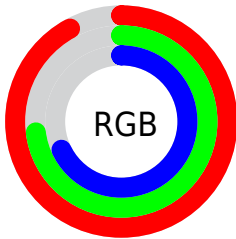
Format	Color
R_{YB}	235, 189, 173
Decimal	15448749
CIE _{Lab}	79.50, 15.76, 13.31
CIE _{LCh}	79, 20.633, 40.182
Yxy	55.7971, 0.3657, 0.3437
Android (android.graphics.Color)	4293638829 (0xFFEBBAAD)
YUV	199.1690, -12.9013, 31.4238
Hunter-Lab	74.6975, 11.1349, 14.8427

Details

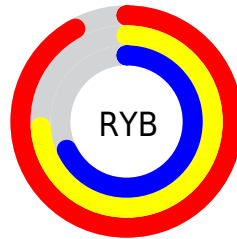
The XYZ color **59.3627, 55.7971, 47.1763** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.3496, 67.1230, 88.4783**, and the grayscale version is **54.4530, 57.2888, 62.3875**.

A 20% lighter version of the original color is **86.9957, 90.3657, 86.2559**, and **30.1988, 27.6205, 21.8288** is the 20% darker color. If you saturate the color by 10%, you get **53.6246, 47.6453, 35.0142**, and if you desaturate by 10%, it is **66.0123, 65.1310, 61.6166**.

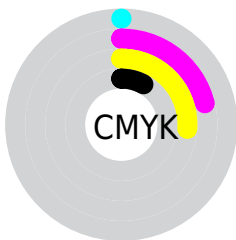
Distribution



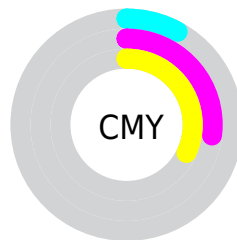
- Red (92%)
- Green (73%)
- Blue (68%)



- Red (92%)
- Yellow (74%)
- Blue (68%)



- Cyan (0%)
- Magenta (21%)
- Yellow (26%)
- Black (8%)





- Cyan (8%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3627, 55.7971, 47.1763 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 59.3627, 55.7971, 47.1763 by changing the saturation by 10% instead.


 59.3627, 55.7971,
47.1763

 59.3627, 55.7971,
47.1763


412.1172,
408.9264, 391.9319

 43.1527, 40.0403,
32.8197


 103.0162, 98.7079,
87.3295

 30.1999, 27.5699,
21.7184


131.1904,
126.6306, 113.9631

 20.1392, 18.0017,
13.4538


164.0834,
159.3774, 145.5262

 12.6051, 10.9512,
7.6074

202.0605,
197.3326, 182.4372

 7.2323, 6.0340,
3.7606

245.4871,
240.8808, 225.1148

 3.6554, 2.8658,
1.4950

294.7285,

 1.5091, 1.0621,

290.4062, 273.9774

0.2142

350.1501,
346.2933, 329.4436

■ 0.3320, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3627, 55.7971,
47.1763

■ 59.3627, 55.7971,
47.1763

■ 53.6246, 47.6453,
35.0142

■ 66.0123, 65.1310,
61.6166

■ 48.7530, 40.6205,
25.0101

■ 73.6067, 75.6839,
78.4401

■ 44.7060, 34.6749,
17.0378

■ 82.1830, 87.5004,
97.7494

■ 41.4360, 29.7539,
10.9565

■ 88.0711, 96.4022,
108.5734

■ 38.8904, 25.7982,
6.6075

■ 37.0096, 22.7420,
3.8056

■ 35.7223, 20.5102,
2.3202

■ 35.3717, 19.8834,
1.9736

Harmonies

Analogous

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



61.2765, 55.7971, 56.8048



59.3627, 55.7971, 47.1763



55.7835, 55.7971, 41.7000

Triad

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



59.3627, 55.7971, 47.1763



45.8790, 55.7971, 53.3344



54.4558, 55.7971, 86.1205

Complementary

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



59.3627, 55.7971, 47.1763



58.3496, 67.1230, 88.4783

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.



50.3753, 55.7971, 84.8734



59.3627, 55.7971, 47.1763



45.5649, 55.7971, 64.8812

Square

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



59.3627, 55.7971, 47.1763



48.0525, 55.7971, 44.9212



47.1709, 55.7971, 76.7139



58.3473, 55.7971, 79.9272

Rectangle

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



59.3627, 55.7971, 47.1763



53.0082, 55.7971, 40.6564



47.1709, 55.7971, 76.7139



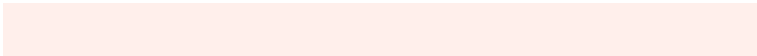
53.0588, 55.7971, 86.5750

Sweetspot

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



59.3642, 55.7997, 47.1774



87.0087, 88.8972, 90.8676



62.4704, 52.8561, 76.4398



18.3180, 18.6043, 18.7698



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.



59.3642, 55.7997, 47.1774



67.3470, 61.3434, 48.0293



66.4627, 69.9968, 49.5436



15.3215, 15.5659, 15.7157



19.7601, 11.2145, 1.1231



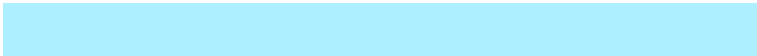
1.6196, 1.0166, 0.1109

Inverse Universe

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



58.3496, 67.1230, 88.4783



65.9130, 77.2316, 106.0409



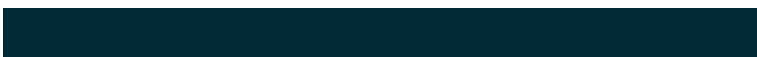
50.9915, 52.4069, 86.0256



15.2339, 16.5542, 19.3146



18.1793, 23.0055, 47.2253



1.4946, 1.9407, 3.7307

Previews

White Background



This preview shows how the XYZ color 59.3627, 55.7971, 47.1763 looks on a white background.

Color Contrast Check

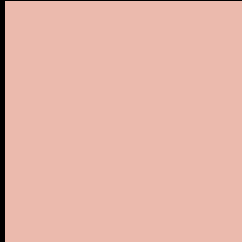
Large Text (above 18pt) WCAG AA × Fail

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 59.3627, 55.7971, 47.1763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

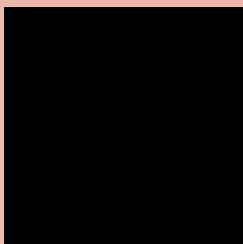
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3627, 55.7971, 47.1763

Background



This preview shows how black text looks on a background with the XYZ color 59.3627, 55.7971, 47.1763.



This preview shows how white text looks on a background with the XYZ color 59.3627, 55.7971,

47.1763.

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

59.3627, 55.7971, 47.1763

Protanopia

53.1790, 56.1260, 50.1500

Deuteranopia

56.9112, 55.8130, 46.8032



Tritanopia

62.0659, 55.6643, 60.2964

Trichromacy



Original Color

59.3627, 55.7971, 47.1763

Protanomaly

55.2253, 55.8734, 48.9483

Deuteranomaly

57.9571, 56.0318, 46.7903

Tritanomaly

60.9356, 55.5023, 55.0783

Monochromacy



Original Color

59.3627, 55.7971, 47.1763

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.7374, 56.2983, 56.6442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3627, 55.7971, 47.1763 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, 186, 173)` looks like.

```
.text, #text, p{  
    color:rgb(235, 186, 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(235, 186, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 186, 173) }
```

Border

The CSS property to change the border of an element to XYZ 59.3627, 55.7971, 47.1763 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, 186, 173) }
```


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

```
.border{ border-color:rgb(235, 186, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 186, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 186, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 186, 173);  
box-shadow:4px 4px 4px 4px rgb(235, 186,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3627, 55.7971, 47.1763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 186, 173) }
```

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

```
.background{ background-color: rgb(235,  
186, 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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