

Converting Colors

XYZ(58.2936, 53.9147, 47.2593)

Have a look what the booklet for
XYZ(58.2936, 53.9147, 47.2593)
contains.

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Color

**XYZ(58.2996, 54.0043,
47.3956)**

Conversions

Conversions Part 1

Format	Color
Hex	EAB6AE
RGB	234, 182, 174
RGB Percent	92%, 71%, 68%
CMY	0.0824, 0.2863, 0.3176
CMYK	0.00, 0.22, 0.26, 0.08
HSL	8°, 59%, 80%
HSV	8°, 26%, 92%
XYZ	58.2996, 54.0043, 47.3956
YIQ	196.6360, 33.5600, 8.5360

Conversions

Conversions Part 2

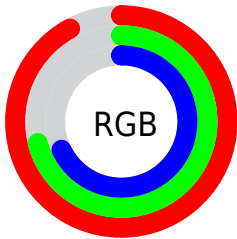
Format	Color
RYB	234, 183, 174
Decimal	15382190
CIELab	78.46, 17.65, 11.30
CIElCh	78, 20.959, 32.614
Yxy	54.0043, 0.3651, 0.3382
Android (android.graphics.Color)	4293572270 (0xFFEAB6AE)
YUV	196.6360, -11.1595, 32.7682
Hunter-Lab	73.4876, 13.0053, 13.2024

Details

The XYZ color **58.2996, 54.0043, 47.3956** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.5025, 69.3299, 88.0880**, and the grayscale version is **52.9036, 55.6587, 60.6124**.

A 20% lighter version of the original color is **85.9574, 88.0662, 86.5968**, and **29.4946, 26.4528, 21.9637** is the 20% darker color. If you saturate the color by 10%, you get **52.3578, 45.4587, 35.1236**, and if you desaturate by 10%, it is **65.2432, 63.9166, 61.9633**.

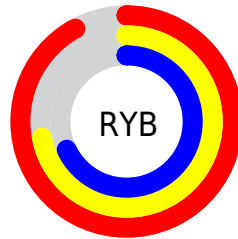
Distribution



Red (92%)

Green (71%)

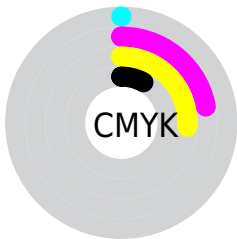
Blue (68%)



Red (92%)

Yellow (72%)

Blue (68%)

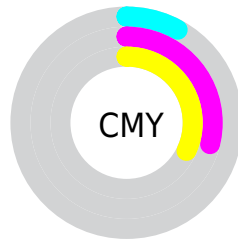


Cyan (0%)

Magenta (22%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (29%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2996, 54.0043, 47.3956 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 58.2996, 54.0043, 47.3956 by changing the saturation by 10% instead.


 58.2996, 54.0043,
47.3956

 58.2996, 54.0043,
47.3956


408.2373,
402.1264, 392.8308

 42.2938, 38.6051,
32.9919


 101.4795, 96.0806,
87.6600

 29.5235, 26.4527,
21.8492

129.3842,
123.5264, 114.3578

 19.6235, 17.1626,
13.5489


161.9860,
155.7566, 145.9907

 12.2283, 10.3505,
7.6724

199.6501,
193.1555, 182.9772

 6.9727, 5.6319,
3.8013

242.7419,
236.1076, 225.7360

 3.4912, 2.6226,
1.5170

291.6268,

 1.4185, 0.9380,

284.9971, 274.6854

0.2305

346.6702,
340.2086, 330.2442

■ 0.2694, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2996, 54.0043,
47.3956

■ 58.2996, 54.0043,
47.3956

■ 52.3578, 45.4587,
35.1236

■ 65.2432, 63.9166,
61.9633

■ 47.3670, 38.2126,
25.0268

■ 73.2274, 75.2441,
78.9321

■ 43.2786, 32.2043,
16.9789

■ 82.2945, 88.0422,
98.4050

■ 40.0379, 27.3642,
10.8390

■ 87.7418, 96.2325,
108.5580

■ 37.5842, 23.6156,
6.4484

■ 35.8483, 20.8727,
3.6228

■ 34.7484, 19.0363,
2.1359

■ 34.4275, 18.4839,
1.7532

Harmonies

Analogous

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



59.6616, 54.0043, 57.7723



58.2996, 54.0043, 47.3956



55.0624, 54.0043, 40.8607

Triad

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



58.2996, 54.0043, 47.3956



44.6083, 54.0043, 48.9656



51.6918, 54.0043, 84.5181

Complementary

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



58.2996, 54.0043, 47.3956



59.5025, 69.3299, 88.0880

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.



47.7691, 54.0043, 81.3484



58.2996, 54.0043, 47.3956



43.8116, 54.0043, 59.8428

Square

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



58.2996, 54.0043, 47.3956



47.1748, 54.0043, 41.6783



44.9383, 54.0043, 71.9045



55.7211, 54.0043, 80.0699

Rectangle

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



58.2996, 54.0043, 47.3956



52.3552, 54.0043, 39.0403



44.9383, 54.0043, 71.9045



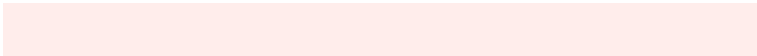
50.3172, 54.0043, 84.3085

Sweetspot

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



58.3010, 54.0068, 47.3967



86.5550, 87.9898, 90.7164



62.7957, 53.2562, 78.9216



18.2047, 18.3776, 18.7321



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.



58.3010, 54.0068, 47.3967



66.7351, 59.7197, 49.0581



65.1156, 67.6359, 49.6682



15.2275, 15.3779, 15.6844



19.3976, 10.4894, 1.0023



1.5748, 0.9270, 0.0959

Inverse Universe

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



59.5025, 69.3299, 88.0880



68.4307, 81.4193, 106.7166



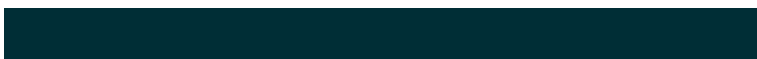
52.0474, 54.4197, 85.6030



15.3363, 16.7591, 19.3488



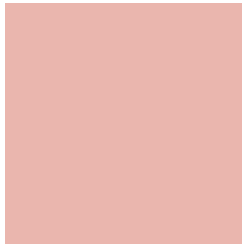
20.3851, 27.4172, 47.9606



1.6483, 2.2480, 3.7819

Previews

White Background



This preview shows how the XYZ color 58.2996, 54.0043, 47.3956 looks on a white background.

Color Contrast Check

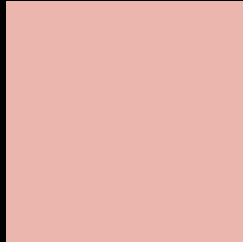
Large Text (above 18pt) WCAG AA × Fail

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 58.2996, 54.0043, 47.3956 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 58.2996, 54.0043, 47.3956

Background



This preview shows how black text looks on a background with the XYZ color 58.2996, 54.0043, 47.3956.



This preview shows how white text looks on a background with the XYZ color 58.2996, 54.0043,

47.3956.

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

58.2996, 54.0043, 47.3956

Protanopia

51.6174, 54.2964, 50.9397

Deuteranopia

55.1319, 53.9299, 47.0389



Tritanopia

60.3378, 53.9233, 57.6802

Trichromacy



Original Color

58.2996, 54.0043, 47.3956

Protanomaly

53.8899, 54.1874, 49.7384

Deuteranomaly

56.2558, 53.8838, 46.9708

Tritanomaly

59.4451, 53.8499, 53.7153

Monochromacy



Original Color

58.2996, 54.0043, 47.3956

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.6133, 55.0750, 55.8962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2996, 54.0043, 47.3956 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(234, 182, 174)` looks like.

```
.text, #text, p{  
    color:rgb(234, 182, 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(234, 182, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 182, 174) }
```

Border

The CSS property to change the border of an element to XYZ 58.2996, 54.0043, 47.3956 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(234, 182, 174) }
```


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

```
.border{ border-color:rgb(234, 182, 174) }
```

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

Here you see how a box with a 4 pixel rgb(234, 182, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 182, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 182, 174);  
box-shadow:4px 4px 4px 4px rgb(234, 182,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2996, 54.0043, 47.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 182, 174) }
```

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

```
.background{ background-color: rgb(234,  
182, 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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