

Converting Colors

XYZ(59.4039, 58.7555, 46.2402)

Have a look what the booklet for
XYZ(59.4039, 58.7555, 46.2402)
contains.

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Color

**XYZ(59.4039, 58.7555,
46.2402)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C3AA
RGB	230, 195, 170
RGB Percent	90%, 76%, 67%
CMY	0.0980, 0.2353, 0.3333
CMYK	0.00, 0.15, 0.26, 0.10
HSL	25°, 55%, 78%
HSV	25°, 26%, 90%
XYZ	59.4039, 58.7555, 46.2402
YIQ	202.6150, 28.8850, -0.3550

Conversions

Conversions Part 2

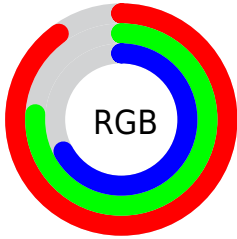
Format	Color
R _Y B	230, 213, 170
Decimal	15123370
CIE Lab	81.16, 8.71, 17.18
CIE LCh	81, 19.264, 63.110
Yxy	58.7555, 0.3613, 0.3574
Android (android.graphics.Color)	4293313450 (0xFFE6C3AA)
YUV	202.6150, -16.0792, 24.0166
Hunter-Lab	76.6521, 4.1928, 17.8900

Details

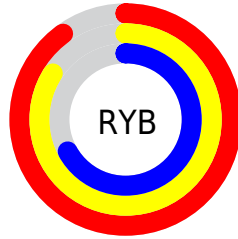
The XYZ color **59.4039, 58.7555, 46.2402** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **52.6912, 57.9201, 83.2656**, and the grayscale version is **56.6095, 59.5576, 64.8583**.

A 20% lighter version of the original color is **89.6410, 96.3170, 85.1006**, and **30.2504, 29.3564, 21.2115** is the 20% darker color. If you saturate the color by 10%, you get **54.5441, 52.2183, 34.8087**, and if you desaturate by 10%, it is **64.9176, 65.9905, 59.7689**.

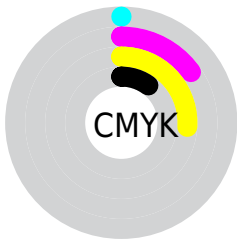
Distribution



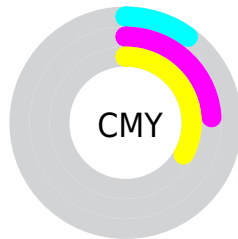
- Red (90%)
- Green (76%)
- Blue (67%)



- Red (90%)
- Yellow (84%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (26%)
- Black (10%)





- Cyan (10%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4039, 58.7555, 46.2402 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 59.4039, 58.7555, 46.2402 by changing the saturation by 10% instead.


 59.4039, 58.7555,
46.2402

 59.4039, 58.7555,
46.2402


412.2671,
419.9952, 388.0791

 43.1860, 42.4163,
32.0854


 103.0757,
103.0222, 85.9164

 30.2262, 29.4274,
21.1614


131.2603,
131.7186, 112.2749

 20.1593, 19.4044,
13.0496


164.1646,
165.3028, 143.5384

 12.6198, 11.9629,
7.3316

202.1537,
204.1592, 180.1253

 7.2425, 6.7184,
3.5888

245.5932,
248.6723, 222.4544

 3.6619, 3.2866,
1.4026

294.8484,

 1.5127, 1.2831,

299.2264, 270.9440

0.1437

350.2845,
356.2059, 326.0127

■ 0.3344, 0.1281,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4039, 58.7555,
46.2402

■ 59.4039, 58.7555,
46.2402

■ 54.5441, 52.2183,
34.8087

■ 64.9176, 65.9905,
59.7689

■ 50.3066, 46.3487,
25.3640

■ 71.1057, 73.9362,
75.4902

■ 46.6639, 41.1260,
17.7909

■ 77.9935, 82.6152,
93.4982

■ 43.5845, 36.5252,
11.9609

■ 84.4554, 91.5875,
107.8346

■ 41.0331, 32.5194,
7.7288

■ 86.4432, 95.5630,
108.4972

■ 38.9697, 29.0789,
4.9255

■ 37.3461, 26.1700,
3.3414

■ 36.8026, 25.1618,
2.9170

Harmonies

Analogous

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



62.5524, 58.7555, 52.6602



59.4039, 58.7555, 46.2402



55.4283, 58.7555, 44.3701

Triad

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



59.4039, 58.7555, 46.2402



48.4982, 58.7555, 65.1795



60.1616, 58.7555, 84.2999

Complementary

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



59.4039, 58.7555, 46.2402



52.6912, 57.9201, 83.2656

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.



56.2644, 58.7555, 88.6406



59.4039, 58.7555, 46.2402



49.6357, 58.7555, 76.8040

Square

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



59.4039, 58.7555, 46.2402



49.2502, 58.7555, 54.5026



52.4318, 58.7555, 85.7471



63.0044, 58.7555, 74.4853

Rectangle

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



59.4039, 58.7555, 46.2402



52.8749, 58.7555, 45.7463



52.4318, 58.7555, 85.7471



58.9250, 58.7555, 86.4974

Sweetspot

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



59.4054, 58.7582, 46.2414



88.2587, 91.3971, 91.2843



58.0277, 49.9809, 64.3470



18.6313, 19.2308, 18.8743



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.



59.4054, 58.7582, 46.2414



71.8460, 69.9415, 50.7617



66.8143, 73.5760, 48.7110



14.8680, 15.3499, 15.0837



20.9499, 14.4740, 1.6896



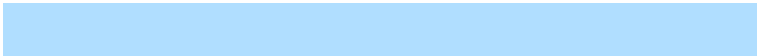
1.6381, 1.2495, 0.1548

Inverse Universe

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



52.6912, 57.9201, 83.2656



62.0794, 68.7166, 104.5994



46.1911, 44.9199, 81.0989



14.2777, 15.2768, 18.3405



13.0476, 13.1574, 44.2351



1.0554, 1.1548, 3.2992

Previews

White Background



This preview shows how the XYZ color 59.4039, 58.7555, 46.2402 looks on a white background.

Color Contrast Check

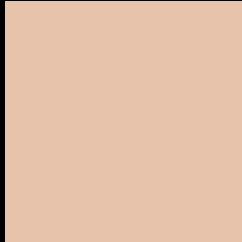
Large Text (above 18pt) WCAG AA × Fail

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 59.4039, 58.7555, 46.2402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

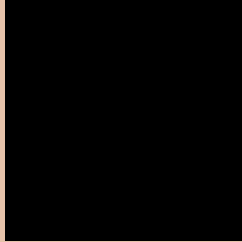
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4039, 58.7555, 46.2402

Background



This preview shows how black text looks on a background with the XYZ color 59.4039, 58.7555, 46.2402.



This preview shows how white text looks on a background with the XYZ color 59.4039, 58.7555,

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

59.4039, 58.7555, 46.2402

Protanopia

55.5808, 58.7875, 47.9529

Deuteranopia

59.8262, 58.6417, 46.1960



Tritanopia

63.3646, 58.7271, 65.7534

Trichromacy



Original Color

59.4039, 58.7555, 46.2402

Protanomaly

57.0832, 58.8855, 47.3871

Deuteranomaly

59.5025, 58.4748, 46.1809

Tritanomaly

61.9683, 58.8287, 57.9582

Monochromacy



Original Color

59.4039, 58.7555, 46.2402

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.4988, 59.2163, 57.6896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4039, 58.7555, 46.2402 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, 195, 170)` looks like.

```
.text, #text, p{  
    color:rgb(230, 195, 170)  
}
```

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, 195, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 195, 170) }
```

Border

The CSS property to change the border of an element to XYZ 59.4039, 58.7555, 46.2402 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, 195, 170) }
```


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

```
.border{ border-color:rgb(230, 195, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 195, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 195, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 195, 170);  
box-shadow:4px 4px 4px 4px rgb(230, 195,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4039, 58.7555, 46.2402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 195, 170) }
```

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

```
.background{ background-color: rgb(230,  
195, 170) }
```

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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