

Converting Colors

XYZ(60.8981, 59.2998, 46.9498)

Have a look what the booklet for
XYZ(60.8981, 59.2998, 46.9498)
contains.

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Color

**XYZ(60.9034, 59.1860,
46.7422)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC2AB
RGB	235, 194, 171
RGB Percent	92%, 76%, 67%
CMY	0.0784, 0.2392, 0.3294
CMYK	0.00, 0.17, 0.27, 0.08
HSL	22°, 62%, 80%
HSV	22°, 27%, 92%
XYZ	60.9034, 59.1860, 46.7422
YIQ	203.6370, 31.8190, 1.5390

Conversions

Conversions Part 2

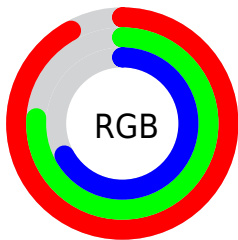
Format	Color
<code>RGB</code>	<code>235, 207, 171</code>
Decimal	<code>15450795</code>
CIE Lab	<code>81.39, 11.26, 17.05</code>
CIE LCh	<code>81, 20.430, 56.555</code>
Yxy	<code>59.1860, 0.3651, 0.3548</code>
Android (<code>android.graphics.Color</code>)	<code>4293640875</code> (<code>0xFFEBC2AB</code>)
YUV	<code>203.6370, -16.0900, 27.5054</code>
Hunter-Lab	<code>76.9324, 6.6774, 17.8296</code>

Details

The XYZ color **60.9034, 59.1860, 46.7422** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.3329, 61.7413, 87.5983**, and the grayscale version is **57.2509, 60.2324, 65.5931**.

A 20% lighter version of the original color is **89.4646, 95.7453, 85.7169**, and **31.0680, 29.5531, 21.5196** is the 20% darker color. If you saturate the color by 10%, you get **55.6776, 52.0059, 34.9142**, and if you desaturate by 10%, it is **66.8700, 67.2096, 60.7832**.

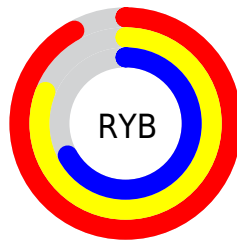
Distribution



Red (92%)

Green (76%)

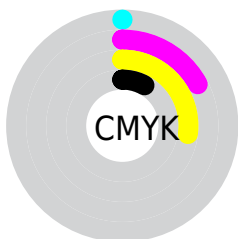
Blue (67%)



Red (92%)

Yellow (81%)

Blue (67%)

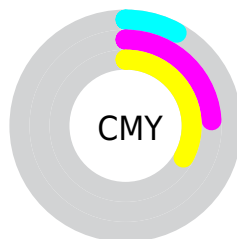


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (8%)



Cyan (8%)


Magenta (24%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9034, 59.1860, 46.7422 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 60.9034, 59.1860, 46.7422 by changing the saturation by 10% instead.


 60.9034, 59.1860,
46.7422

 60.9034, 59.1860,
46.7422


417.7013,
421.5909, 390.1485

 44.3995, 42.7629,
32.4790


 105.2380,
103.6479, 86.6746

 31.1839, 29.6991,
21.4598


133.7993,
132.4556, 113.1810

 20.8915, 19.6103,
13.2660


167.1105,
166.1601, 144.6054

 13.1567, 12.1121,
7.4791

205.5368,
205.1460, 181.3665

 7.6143, 6.8201,
3.6805

249.4437,
249.7976, 223.8829

 3.8989, 3.3498,
1.4518

299.1965,

 1.6451, 1.3170,

300.4994, 272.5729

0.1816

355.1606,
357.6357, 327.8553

■ 0.4215, 0.1543,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9034, 59.1860,
46.7422

■ 60.9034, 59.1860,
46.7422

■ 55.6776, 52.0059,
34.9142

■ 66.8700, 67.2096,
60.7832

■ 51.1568, 45.6326,
25.1810

■ 73.6018, 76.0957,
77.1395

■ 47.3089, 40.0385,
17.4190

■ 81.1280, 85.8726,
95.9117

■ 44.0973, 35.1914,
11.4899

■ 87.8220, 95.9041,
108.4904

■ 41.4813, 31.0560,
7.2371

■ 88.0710, 96.4022,
108.5734

■ 39.4144, 27.5939,
4.4772

■ 37.8387, 24.7606,
2.9717

■ 37.4680, 24.0762,
2.6724

Harmonies

Analogous

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



63.9254, 59.1860, 54.4898



60.9034, 59.1860, 46.7422



56.7495, 59.1860, 43.7009

Triad

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



60.9034, 59.1860, 46.7422



48.4483, 59.1860, 63.0404



60.0066, 59.1860, 87.8559

Complementary

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



60.9034, 59.1860, 46.7422



55.3329, 61.7413, 87.5983

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.



55.7624, 59.1860, 90.8887



60.9034, 59.1860, 46.7422



49.2232, 59.1860, 75.5410

Square

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



60.9034, 59.1860, 46.7422



49.6761, 59.1860, 52.3300



51.8484, 59.1860, 86.1296



63.3895, 59.1860, 78.2954

Rectangle

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



60.9034, 59.1860, 46.7422



53.9467, 59.1860, 44.4246



51.8484, 59.1860, 86.1296



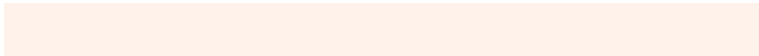
58.6273, 59.1860, 89.7209

Sweetspot

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



60.9050, 59.1887, 46.7434



87.9098, 90.6993, 91.1680



60.7839, 51.5725, 69.4362



18.5437, 19.0556, 18.8451



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

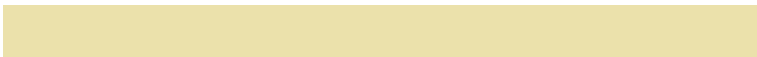
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.9050, 59.1887, 46.7434



69.4858, 66.0134, 47.5327



68.6455, 74.6697, 49.3236



15.5086, 15.9402, 15.7781



20.9626, 13.6194, 1.5240



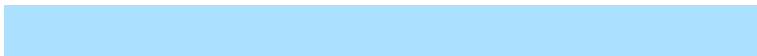
1.7344, 1.2461, 0.1491

Inverse Universe

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



55.3329, 61.7413, 87.5983



61.6702, 69.5777, 104.7872



48.2333, 47.5422, 85.2318



15.0359, 16.1582, 19.2486



14.5878, 15.8225, 46.0282



1.2360, 1.4235, 3.6445

Previews

White Background



This preview shows how the XYZ color 60.9034, 59.1860, 46.7422 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 60.9034, 59.1860, 46.7422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

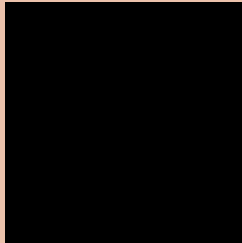
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9034, 59.1860, 46.7422

Background



This preview shows how black text looks on a background with the XYZ color 60.9034, 59.1860, 46.7422.



This preview shows how white text looks on a background with the XYZ color 60.9034, 59.1860,

46.7422.

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

60.9034, 59.1860, 46.7422

Protanopia

56.0098, 59.3333, 49.0579

Deuteranopia

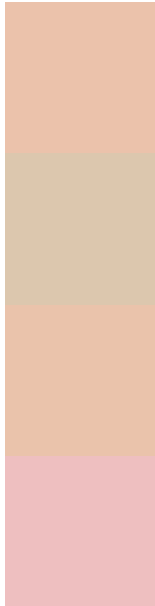
60.4701, 59.2941, 46.7859



Tritanopia

64.6933, 59.1055, 65.1255

Trichromacy



Original Color

60.9034, 59.1860, 46.7422

Protanomaly

57.5786, 59.1185, 48.4207

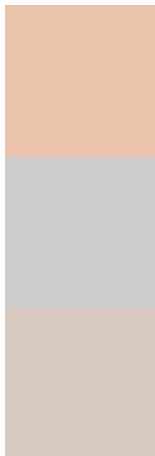
Deuteranomaly

60.7975, 59.4629, 46.8012

Tritanomaly

63.4051, 59.2445, 57.9627

Monochromacy



Original Color

60.9034, 59.1860, 46.7422

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.1930, 59.5614, 58.2986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9034, 59.1860, 46.7422 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, 194, 171)` looks like.

```
.text, #text, p{  
    color:rgb(235, 194, 171)  
}
```

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, 194, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 194, 171) }
```

Border

The CSS property to change the border of an element to XYZ 60.9034, 59.1860, 46.7422 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, 194, 171) }
```


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

```
.border{ border-color:rgb(235, 194, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 194, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 194, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 194, 171);  
box-shadow:4px 4px 4px 4px rgb(235, 194,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9034, 59.1860, 46.7422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 194, 171) }
```

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

```
.background{ background-color: rgb(235,  
194, 171) }
```

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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