

Converting Colors

XYZ(58.9711, 54.3019, 45.8523)

Have a look what the booklet for
XYZ(58.9711, 54.3019, 45.8523)
contains.

XYZ(59.0037, 54.4007, 45.9186)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.0037, 54.4007,
45.9186)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB6AB
RGB	237, 182, 171
RGB Percent	93%, 71%, 67%
CMY	0.0706, 0.2863, 0.3294
CMYK	0.00, 0.23, 0.28, 0.07
HSL	10°, 65%, 80%
HSV	10°, 28%, 93%
XYZ	59.0037, 54.4007, 45.9186
YIQ	197.1910, 36.3110, 8.2390

Conversions

Conversions Part 2

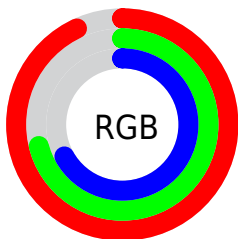
Format	Color
RYB	237, 184, 171
Decimal	15578795
CIELab	78.69, 18.36, 13.28
CIELCh	79, 22.665, 35.883
Yxy	54.4007, 0.3703, 0.3414
Android (android.graphics.Color)	4293768875 (0xFFEDB6AB)
YUV	197.1910, -12.9122, 34.9125
Hunter-Lab	73.7568, 13.7213, 14.7178

Details

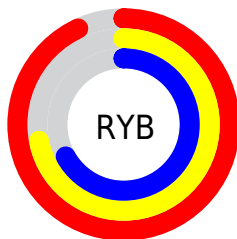
The XYZ color **59.0037, 54.4007, 45.9186** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.2762, 69.1629, 90.3466**, and the grayscale version is **53.2477, 56.0208, 61.0066**.

A 20% lighter version of the original color is **85.5420, 87.9001, 84.4094**, and **30.0024, 26.7357, 21.0320** is the 20% darker color. If you saturate the color by 10%, you get **53.1811, 46.0522, 33.8139**, and if you desaturate by 10%, it is **65.8047, 64.0570, 60.3489**.

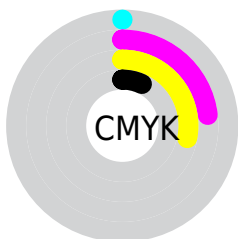
Distribution



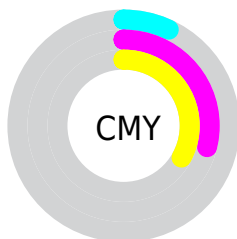
- Red (93%)
- Green (71%)
- Blue (67%)



- Red (93%)
- Yellow (72%)
- Blue (67%)



- Cyan (0%)
- Magenta (23%)
- Yellow (28%)
- Black (7%)




- Cyan (7%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0037, 54.4007, 45.9186 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 59.0037, 54.4007, 45.9186 by changing the saturation by 10% instead.


 59.0037, 54.4007,
45.9186

 59.0037, 54.4007,
45.9186


410.8095,
403.6362, 386.7494

 42.8625, 38.9221,
31.8334

 102.4976, 96.6623,
85.4302

 29.9713, 26.6991,
20.9705


130.5811,
124.2142, 111.6936

 19.9648, 17.3474,
12.9114


163.3759,
156.5592, 142.8535

 12.4775, 10.4825,
7.2376

201.2476,
194.0818, 179.3285

 7.1443, 5.7200,
3.5304

244.5615,
237.1664, 221.5370

 3.5996, 2.6756,
1.3714

293.6828,

 1.4782, 0.9648,

286.1974, 269.8976

0.1193

348.9770,
341.5592, 324.8289

■ 0.3109, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0037, 54.4007,
45.9186

■ 59.0037, 54.4007,
45.9186

■ 53.1811, 46.0522,
33.8139

■ 65.8047, 64.0570,
60.3489

■ 48.2870, 38.9477,
23.9095

■ 73.6220, 75.0663,
77.2143

■ 44.2740, 33.0295,
16.0734

■ 82.4970, 87.4807,
96.6217

■ 41.0882, 28.2322,
10.1580

■ 88.7352, 96.7446,
108.6045

■ 38.6699, 24.4841,
5.9961

■ 36.9507, 21.7048,
3.3915

■ 35.8452, 19.7999,
2.0790

■ 35.6678, 19.4898,
1.8820

Harmonies

Analogous

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



60.7564, 54.4007, 56.7403



59.0037, 54.4007, 45.9186



55.3061, 54.4007, 39.4501

Triad

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



59.0037, 54.4007, 45.9186



44.2362, 54.4007, 49.7146



52.5942, 54.4007, 87.3162

Complementary

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



59.0037, 54.4007, 45.9186



59.2762, 69.1629, 90.3466

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.



48.2660, 54.4007, 84.7217



59.0037, 54.4007, 45.9186



43.6026, 54.4007, 61.7979

Square

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



59.0037, 54.4007, 45.9186



46.8201, 54.4007, 41.4101



45.0367, 54.4007, 74.9007



56.9210, 54.4007, 81.5521

Rectangle

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



59.0037, 54.4007, 45.9186



52.3270, 54.4007, 37.8779



45.0367, 54.4007, 74.9007



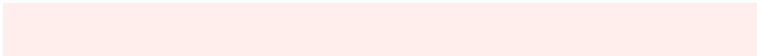
51.0904, 54.4007, 87.4021

Sweetspot

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



59.0051, 54.4032, 45.9197



86.7526, 88.3850, 90.7823



63.2159, 52.6219, 78.7771



18.2540, 18.4763, 18.7485



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.



59.0051, 54.4032, 45.9197



65.9005, 58.8427, 46.3376



66.5766, 69.5461, 48.4435



15.2684, 15.4598, 15.6980



19.5368, 10.7679, 1.0487



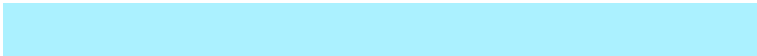
1.5942, 0.9657, 0.1024

Inverse Universe

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



59.2762, 69.1629, 90.3466



66.2580, 78.7533, 106.3165



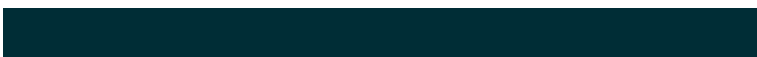
51.1512, 52.9129, 87.6383



15.2915, 16.6694, 19.3338



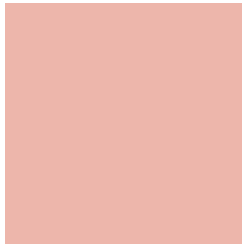
19.3900, 25.4271, 47.6289



1.5793, 2.1101, 3.7589

Previews

White Background



This preview shows how the XYZ color 59.0037, 54.4007, 45.9186 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 59.0037, 54.4007, 45.9186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

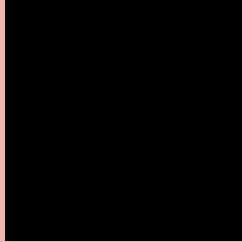
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0037, 54.4007, 45.9186

Background



This preview shows how black text looks on a background with the XYZ color 59.0037, 54.4007, 45.9186.



This preview shows how white text looks on a background with the XYZ color 59.0037, 54.4007,

45.9186.

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

59.0037, 54.4007, 45.9186

Protanopia

51.8562, 54.4544, 49.3726

Deuteranopia

55.6703, 54.5567, 45.6266



Tritanopia

61.3423, 54.4412, 57.7272

Trichromacy



Original Color

59.0037, 54.4007, 45.9186

Protanomaly

54.1757, 54.3691, 48.1964

Deuteranomaly

56.8095, 54.5141, 45.5583

Tritanomaly

60.3381, 54.3224, 53.2041

Monochromacy



Original Color

59.0037, 54.4007, 45.9186

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.0781, 55.3272, 55.3532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0037, 54.4007, 45.9186 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, 182, 171)` looks like.

```
.text, #text, p{  
    color:rgb(237, 182, 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(237, 182, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 182, 171) }
```

Border

The CSS property to change the border of an element to XYZ 59.0037, 54.4007, 45.9186 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, 182, 171) }
```


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

```
.border{ border-color:rgb(237, 182, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 182, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 182, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 182, 171);  
box-shadow:4px 4px 4px 4px rgb(237, 182,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0037, 54.4007, 45.9186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 182, 171) }
```

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

```
.background{ background-color: rgb(237,  
182, 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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