

Converting Colors

XYZ(59.3050, 52.7379, 44.7837)

Have a look what the booklet for
XYZ(59.3050, 52.7379, 44.7837)
contains.

XYZ(59.3047, 52.7925, 44.6004)	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(59.3047, 52.7925,
44.6004)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B0A9
RGB	242, 176, 169
RGB Percent	95%, 69%, 66%
CMY	0.0510, 0.3098, 0.3372
CMYK	0.00, 0.27, 0.30, 0.05
HSL	6°, 74%, 81%
HSV	6°, 30%, 95%
XYZ	59.3047, 52.7925, 44.6004
YIQ	194.9360, 41.5830, 11.8150

Conversions

Conversions Part 2

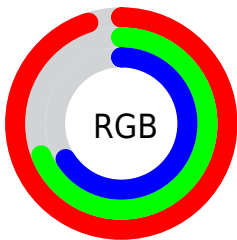
Format	Color
R _Y B	242, 177, 169
Decimal	15904937
CIE Lab	77.75, 23.15, 13.11
CIE LCh	78, 26.604, 29.521
Yxy	52.7925, 0.3785, 0.3369
Android (android.graphics.Color)	4294095017 (0xFFFF2B0A9)
YUV	194.9360, -12.7864, 41.2751
Hunter-Lab	72.6584, 18.5416, 14.4666

Details

The XYZ color **59.3047, 52.7925, 44.6004** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.0965, 74.2599, 95.0653**, and the grayscale version is **51.8913, 54.5937, 59.4525**.

A 20% lighter version of the original color is **83.5512, 84.3550, 82.3995**, and **30.0610, 25.6406, 20.1944** is the 20% darker color. If you saturate the color by 10%, you get **53.2903, 44.0691, 32.4053**, and if you desaturate by 10%, it is **66.4337, 63.0717, 59.2425**.

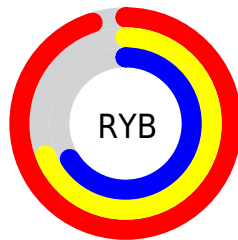
Distribution



Red (95%)

Green (69%)

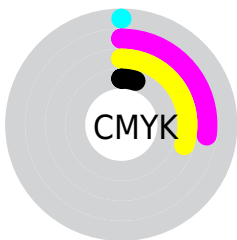
Blue (66%)



Red (95%)

Yellow (69%)

Blue (66%)

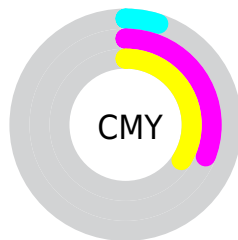


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (5%)



Cyan (5%)


Magenta (31%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3047, 52.7925, 44.6004 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 59.3047, 52.7925, 44.6004 by changing the saturation by 10% instead.


 59.3047, 52.7925,
44.6004

 59.3047, 52.7925,
44.6004


411.9061,
397.4885, 381.2656

 43.1058, 37.6371,
30.8021

 102.9325, 94.2990,
83.4325

 30.1630, 25.7012,
20.1910


131.0920,
121.4189, 109.3035

 20.1110, 16.6002,
12.3485


163.9692,
153.2957, 140.0357

 12.5845, 9.9499,
6.8561

201.9293,
190.3140, 176.0478

 7.2181, 5.3657,
3.2952

245.3376,
232.8580, 217.7583

 3.6464, 2.4634,
1.2473

294.5597,

 1.5041, 0.8582,

281.3121, 265.5858

0.0180

349.9607,
336.0609, 319.9487

■ 0.3286, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3047, 52.7925,
44.6004

■ 59.3047, 52.7925,
44.6004

■ 53.2903, 44.0691,
32.4053

■ 66.4337, 63.0717,
59.2425

■ 48.3301, 36.8186,
22.5207

■ 74.7254, 74.9694,
76.4518

■ 44.3641, 30.9617,
14.8014

■ 84.2302, 88.5541,
96.3441

■ 41.3248, 26.4088,
9.0847

■ 90.4280, 97.6173,
108.6837

■ 39.1360, 23.0596,
5.1847

■ 37.7093, 20.7993,
2.8805

■ 36.9288, 19.4989,
1.8173

Harmonies

Analogous

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



60.7542, 52.7925, 57.7195



59.3047, 52.7925, 44.6004



55.3740, 52.7925, 36.3274

Triad

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



59.3047, 52.7925, 44.6004



42.1123, 52.7925, 44.2545



50.0949, 52.7925, 90.7902

Complementary

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



59.3047, 52.7925, 44.6004



62.0965, 74.2599, 95.0653

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.



45.3171, 52.7925, 85.5757



59.3047, 52.7925, 44.6004



40.9059, 52.7925, 57.2453

Square

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



59.3047, 52.7925, 44.6004



45.4512, 52.7925, 36.1530



42.0387, 52.7925, 72.6321



55.2210, 52.7925, 85.8852

Rectangle

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



59.3047, 52.7925, 44.6004



52.0017, 52.7925, 33.8465



42.0387, 52.7925, 72.6321



48.3968, 52.7925, 90.1511

Sweetspot

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



59.3061, 52.7950, 44.6015



85.3073, 86.0784, 88.4998



65.9345, 53.3050, 86.1074



17.9448, 17.9741, 18.2869



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.



59.3061, 52.7950, 44.6015



62.6230, 53.4200, 41.7549



67.2192, 68.6211, 47.2391



15.8948, 16.0027, 16.4008



19.8816, 10.5613, 0.9907



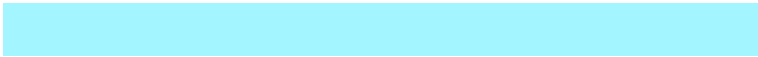
1.6949, 0.9605, 0.0961

Inverse Universe

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



62.0965, 74.2599, 95.0653



66.2091, 81.0555, 106.7634



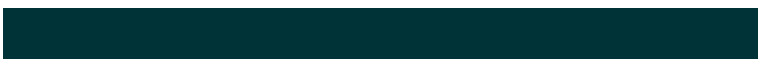
52.9091, 55.8852, 92.0028



16.1102, 17.6545, 20.2802



22.2428, 30.7098, 49.8831



1.8877, 2.6295, 4.1623

Previews

White Background



This preview shows how the XYZ color 59.3047, 52.7925, 44.6004 looks on a white background.

Color Contrast Check

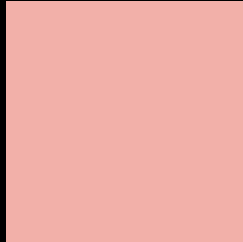
Large Text (above 18pt) WCAG AA × Fail

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 59.3047, 52.7925, 44.6004 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 59.3047, 52.7925, 44.6004

Background



This preview shows how black text looks on a background with the XYZ color 59.3047, 52.7925, 44.6004.



This preview shows how white text looks on a background with the XYZ color 59.3047, 52.7925,

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

59.3047, 52.7925, 44.6004

Protanopia

50.6049, 53.1530, 49.1874

Deuteranopia

53.8392, 52.7036, 43.8944



Tritanopia

61.2214, 52.7081, 53.9607

Trichromacy



Original Color

59.3047, 52.7925, 44.6004

Protanomaly

53.2232, 52.6209, 47.3961

Deuteranomaly

55.7907, 52.7770, 44.2923

Tritanomaly

60.3364, 52.6221, 50.1570

Monochromacy



Original Color

59.3047, 52.7925, 44.6004

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.9975, 53.5087, 53.9366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3047, 52.7925, 44.6004 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(242, 176, 169)` looks like.

```
.text, #text, p{  
    color:rgb(242, 176, 169)  
}
```

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(242, 176, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 176, 169) }
```

Border

The CSS property to change the border of an element to XYZ 59.3047, 52.7925, 44.6004 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(242, 176, 169) }
```


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

```
.border{ border-color:rgb(242, 176, 169) }
```

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

Here you see how a box with a 4 pixel rgb(242, 176, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 176, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 176, 169);  
box-shadow:4px 4px 4px 4px rgb(242, 176,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3047, 52.7925, 44.6004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 176, 169) }
```

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

```
.background{ background-color: rgb(242,  
176, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor