

# Converting Colors

XYZ(59.7033, 53.7722, 42.9624)

Have a look what the booklet for  
XYZ(59.7033, 53.7722, 42.9624)  
contains.

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# Color

**XYZ(59.8738, 54.0115,  
42.8669)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3B3A5
RGB	243, 179, 165
RGB Percent	95%, 70%, 65%
CMY	0.0471, 0.2980, 0.3529
CMYK	0.00, 0.26, 0.32, 0.05
HSL	11°, 76%, 80%
HSV	11°, 32%, 95%
XYZ	59.8738, 54.0115, 42.8669
YIQ	196.5400, 42.6380, 9.2140

# Conversions

## Conversions Part 2

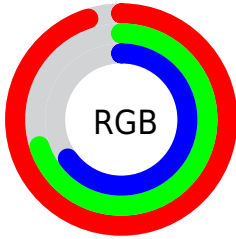
Format	Color
R <sub>Y</sub> B	243, 182, 165
Decimal	15971237
CIE Lab	78.47, 21.43, 16.29
CIE LCh	78, 26.917, 37.252
Yxy	54.0115, 0.3820, 0.3446
Android (android.graphics.Color)	4294161317 (0xFFFF3B3A5)
YUV	196.5400, -15.5492, 40.7454
Hunter-Lab	73.4925, 16.8107, 16.8619

# Details

The XYZ color **59.8738, 54.0115, 42.8669** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.7131, 70.5067, 95.2561**, and the grayscale version is **52.8676, 55.6208, 60.5711**.

A 20% lighter version of the original color is **83.8666, 85.8440, 79.8594**, and **30.4491, 26.4283, 19.1191** is the 20% darker color. If you saturate the color by 10%, you get **54.1578, 45.7890, 31.0667**, and if you desaturate by 10%, it is **66.5906, 63.5626, 57.0750**.

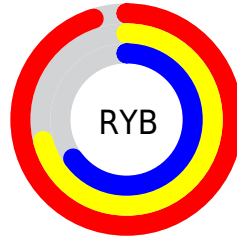
# Distribution



Red (95%)

Green (70%)

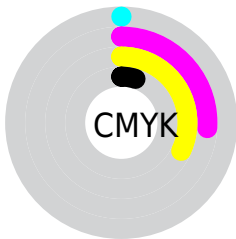
Blue (65%)



Red (95%)

Yellow (71%)

Blue (65%)

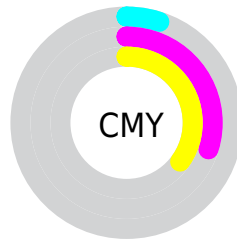


Cyan (0%)

Magenta (26%)

Yellow (32%)

Black (5%)



Cyan (5%)

Magenta (30%)


Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8738, 54.0115, 42.8669 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 59.8738, 54.0115, 42.8669 by changing the saturation by 10% instead.




 59.8738, 54.0115,  
42.8669


 59.8738, 54.0115,  
42.8669


413.9746,  
402.1539, 373.9692

 43.5660, 38.6109,  
29.4501


 103.7540, 96.0911,  
80.7942

 30.5259, 26.4571,  
19.1731

 132.0570,  
123.5389, 106.1417

 20.3882, 17.1659,  
11.6173

165.0892,  
155.7712, 136.3032

 12.7874, 10.3529,  
6.3643

203.2159,  
193.1724, 171.6972

 7.3583, 5.6335,  
2.9955

246.8024,  
236.1268, 212.7423

 3.7355, 2.6236,  
1.0923

296.2142,

 1.5536, 0.9385,

285.0190, 259.8569

0.0000

351.8165,  
340.2332, 313.4597

■ 0.3619, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 59.8738, 54.0115,  
42.8669

■ 59.8738, 54.0115,  
42.8669

■ 54.1578, 45.7890,  
31.0667

■ 66.5906, 63.5626,  
57.0750

■ 49.3898, 38.8286,  
21.5372

■ 74.3492, 74.4899,  
73.8112

■ 45.5185, 33.0694,  
14.1324

■ 83.1933, 86.8479,  
93.1916

■ 42.4859, 28.4424,  
8.6878

■ 90.7722, 97.7947,  
108.6998

■ 40.2268, 24.8713,  
5.0145

■ 38.6653, 22.2700,  
2.8858

■ 37.8492, 20.8287,  
2.0255

# Harmonies

## Analogous

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



62.1123, 54.0115, 55.2051



59.8738, 54.0115, 42.8669



55.3745, 54.0115, 35.8105

# Triad

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



59.8738, 54.0115, 42.8669



42.5083, 54.0115, 48.2402



52.6322, 54.0115, 92.7335

# Complementary

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



59.8738, 54.0115, 42.8669



59.7131, 70.5067, 95.2561

# 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.



47.4994, 54.0115, 90.0042



59.8738, 54.0115, 42.8669



41.8849, 54.0115, 62.5672

# Square

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



59.8738, 54.0115, 42.8669



45.4171, 54.0115, 38.5202



43.6516, 54.0115, 78.2829



57.7488, 54.0115, 85.2043



# Rectangle

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



59.8738, 54.0115, 42.8669



51.8260, 54.0115, 34.2291



43.6516, 54.0115, 78.2829



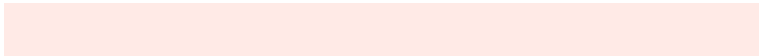
50.8497, 54.0115, 93.0043

# Sweetspot

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



59.8752, 54.0141, 42.8680



84.8980, 85.8355, 86.5886



64.7006, 51.6787, 81.4281



17.8875, 17.9742, 17.9143



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.



59.8752, 54.0141, 42.8680



62.2243, 53.6883, 38.3364



68.5669, 71.3974, 45.7652



16.7397, 16.9636, 17.1896



20.8418, 11.5693, 1.1346



1.8973, 1.1479, 0.1216

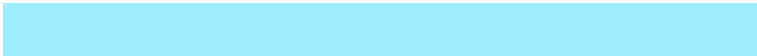


# Inverse Universe

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



59.7131, 70.5067, 95.2561



61.9992, 74.8947, 105.7962



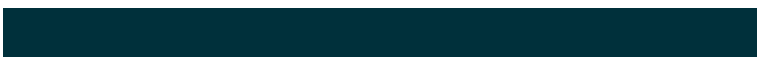
50.3261, 51.7326, 92.1271



16.7289, 18.2220, 21.1781



20.2254, 26.2447, 50.5378



1.8422, 2.4358, 4.4633



# Previews

## White Background



This preview shows how the XYZ color 59.8738, 54.0115, 42.8669 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 59.8738, 54.0115, 42.8669 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 59.8738, 54.0115, 42.8669**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.8738, 54.0115, 42.8669.



This preview shows how white text looks on a background with the XYZ color 59.8738, 54.0115,

42.8669.

# 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

59.8738, 54.0115, 42.8669

### Protanopia

51.4632, 54.2972, 47.3032

### Deuteranopia

55.1217, 54.0323, 42.1744



## Tritanopia

62.1715, 53.7465, 55.2414

# Trichromacy



## Original Color

59.8738, 54.0115, 42.8669

## Protanomaly

54.3667, 54.2029, 45.6270

## Deuteranomaly

56.7963, 53.9502, 42.5419

## Tritanomaly

61.0718, 53.5791, 50.3030

# Monochromacy



## Original Color

59.8738, 54.0115, 42.8669

## Achromatopsia

53.0703, 55.8340, 60.8033

## Achromatomaly

54.9020, 54.6258, 53.5491

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.8738, 54.0115, 42.8669 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(243, 179, 165)` looks like.

```
.text, #text, p{  
    color:rgb(243, 179, 165)  
}
```

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(243, 179, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 179, 165) }
```

## Border

The CSS property to change the border of an element to XYZ 59.8738, 54.0115, 42.8669 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(243, 179, 165) }
```



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

```
.border{ border-color:rgb(243, 179, 165) }
```

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

Here you see how a box with a 4 pixel rgb(243, 179, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 179, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 179, 165);  
box-shadow:4px 4px 4px 4px rgb(243, 179,  
165) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.8738, 54.0115, 42.8669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 179, 165) }
```

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

```
.background{ background-color: rgb(243,  
179, 165) }
```

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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