

Converting Colors

XYZ(59.8821, 53.4134, 41.9688)

Have a look what the booklet for
XYZ(59.8821, 53.4134, 41.9688)
contains.

XYZ(59.9892, 53.5011, 41.8153)	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(59.9892, 53.5011,
41.8153)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B1A3
RGB	245, 177, 163
RGB Percent	96%, 69%, 64%
CMY	0.0392, 0.3059, 0.3608
CMYK	0.00, 0.28, 0.33, 0.04
HSL	10°, 80%, 80%
HSV	10°, 33%, 96%
XYZ	59.9892, 53.5011, 41.8153
YIQ	195.7360, 45.0220, 10.0620

Conversions

Conversions Part 2

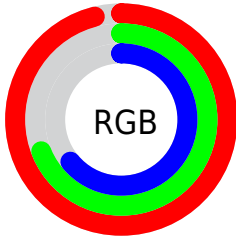
Format	Color
R _Y B	245, 180, 163
Decimal	16101795
CIE Lab	78.17, 22.99, 16.99
CIE LCh	78, 28.583, 36.464
Yxy	53.5011, 0.3863, 0.3445
Android (android.graphics.Color)	4294291875 (0xFFFF5B1A3)
YUV	195.7360, -16.1388, 43.2045
Hunter-Lab	73.1444, 18.3935, 17.3061

Details

The XYZ color **59.9892, 53.5011, 41.8153** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.1606, 71.5285, 97.0219**, and the grayscale version is **52.3871, 55.1153, 60.0206**.

A 20% lighter version of the original color is **83.0338, 84.5998, 78.2827**, and **30.5704, 26.1278, 18.4709** is the 20% darker color. If you saturate the color by 10%, you get **54.2848, 45.2714, 30.1127**, and if you desaturate by 10%, it is **66.7191, 63.1007, 55.9588**.

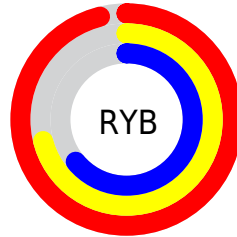
Distribution



Red (96%)

Green (69%)

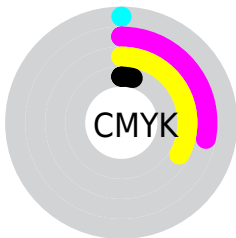
Blue (64%)



Red (96%)

Yellow (71%)

Blue (64%)

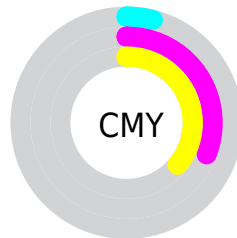


Cyan (0%)

Magenta (28%)

Yellow (33%)

Black (4%)



Cyan (4%)


Magenta (31%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9892, 53.5011, 41.8153 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 59.9892, 53.5011, 41.8153 by changing the saturation by 10% instead.


 59.9892, 53.5011,
41.8153


 59.9892, 53.5011,
41.8153


414.3933,
400.2047, 369.4938

 43.6594, 38.2029,
28.6322


 103.9204, 95.3413,
79.1871

 30.5996, 26.1402,
18.5596

 132.2525,
122.6522, 104.2128

 20.4444, 16.9286,
11.1789


165.3161,
154.7361, 134.0233

 12.8287, 10.1836,
6.0716

203.4765,
191.9774, 169.0368

 7.3868, 5.5209,
2.8192

247.0991,
234.7605, 209.6721

 3.7537, 2.5560,
1.0031

296.5491,

 1.5637, 0.9046,

283.4698, 256.3477

0.0000

352.1921,
338.4898, 309.4821

■ 0.3686, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9892, 53.5011,
41.8153

■ 59.9892, 53.5011,
41.8153

■ 54.2848, 45.2714,
30.1127

■ 66.7191, 63.1007,
55.9588

■ 49.5507, 38.3416,
20.7091

■ 74.5176, 74.1210,
72.6676

■ 45.7328, 32.6467,
13.4530

■ 83.4304, 86.6195,
92.0614

■ 42.7700, 28.1133,
8.1734

■ 91.4662, 98.1525,
108.7323

■ 40.5931, 24.6596,
4.6728

■ 39.1213, 22.1930,
2.7120

■ 38.4787, 21.0574,
2.0364

Harmonies

Analogous

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



62.2898, 53.5011, 54.8583



59.9892, 53.5011, 41.8153



55.2627, 53.5011, 34.3548

Triad

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



59.9892, 53.5011, 41.8153



41.6245, 53.5011, 46.8114



52.0702, 53.5011, 94.4832

Complementary

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



59.9892, 53.5011, 41.8153



60.1606, 71.5285, 97.0219

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.



46.6809, 53.5011, 91.2574



59.9892, 53.5011, 41.8153



40.9064, 53.5011, 61.7862

Square

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



59.9892, 53.5011, 41.8153



44.7302, 53.5011, 36.8485



42.6917, 53.5011, 78.5180



57.5066, 53.5011, 86.6649

Rectangle

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



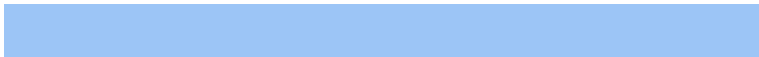
59.9892, 53.5011, 41.8153



51.5166, 53.5011, 32.6259



42.6917, 53.5011, 78.5180



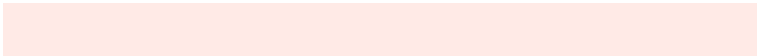
50.1915, 53.5011, 94.6725

Sweetspot

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



59.9906, 53.5036, 41.8164



84.8344, 85.7084, 86.5674



65.2247, 51.3958, 82.3313



17.8723, 17.9437, 17.9092



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.



59.9906, 53.5036, 41.8164



61.4435, 52.4674, 37.0258



69.2524, 72.0273, 44.9036



16.7278, 16.9398, 17.1856



20.7971, 11.4798, 1.1197



1.8917, 1.1366, 0.1197

Inverse Universe

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



60.1606, 71.5285, 97.0219



61.6390, 74.8965, 105.8155



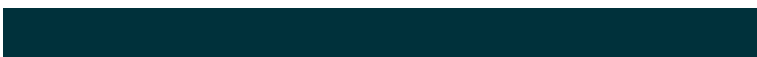
50.0719, 51.3512, 93.6590



16.7418, 18.2479, 21.1824



20.4935, 26.7807, 50.6271



1.8634, 2.4782, 4.4704

Previews

White Background



This preview shows how the XYZ color 59.9892, 53.5011, 41.8153 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 59.9892, 53.5011, 41.8153 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 59.9892, 53.5011, 41.8153

Background



This preview shows how black text looks on a background with the XYZ color 59.9892, 53.5011, 41.8153.



This preview shows how white text looks on a background with the XYZ color 59.9892, 53.5011,

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

59.9892, 53.5011, 41.8153

Protanopia

50.7778, 53.6368, 46.2047

Deuteranopia

54.7324, 53.5383, 41.1674



Tritanopia

62.2710, 53.2492, 54.0098

Trichromacy



Original Color

59.9892, 53.5011, 41.8153

Protanomaly

53.7516, 53.2732, 44.4955

Deuteranomaly

56.7338, 53.6314, 41.5441

Tritanomaly

61.1780, 53.0793, 49.1404

Monochromacy



Original Color

59.9892, 53.5011, 41.8153

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.5809, 54.1520, 52.9231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9892, 53.5011, 41.8153 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(245, 177, 163)` looks like.

```
.text, #text, p{  
    color:rgb(245, 177, 163)  
}
```

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(245, 177, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 177, 163) }
```

Border

The CSS property to change the border of an element to XYZ 59.9892, 53.5011, 41.8153 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(245, 177, 163) }
```


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

```
.border{ border-color:rgb(245, 177, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 177, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 177, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 177, 163);  
box-shadow:4px 4px 4px 4px rgb(245, 177,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9892, 53.5011, 41.8153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 177, 163) }
```

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

```
.background{ background-color: rgb(245,  
177, 163) }
```

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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