

Converting Colors

XYZ(58.8945, 53.6736, 43.3255)

Have a look what the booklet for
XYZ(58.8945, 53.6736, 43.3255)
contains.

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Color

**XYZ(59.1394, 53.9210,
43.3672)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B4A6
RGB	240, 180, 166
RGB Percent	94%, 71%, 65%
CMY	0.0588, 0.2941, 0.3490
CMYK	0.00, 0.25, 0.31, 0.06
HSL	11°, 71%, 80%
HSV	11°, 31%, 94%
XYZ	59.1394, 53.9210, 43.3672
YIQ	196.3440, 40.2540, 8.3660

Conversions

Conversions Part 2

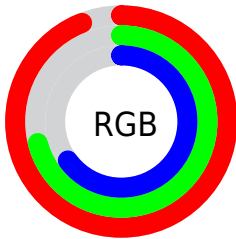
Format	Color
R _Y B	240, 183, 166
Decimal	15774886
CIE Lab	78.42, 19.89, 15.63
CIE LCh	78, 25.302, 38.164
Yxy	53.9210, 0.3781, 0.3447
Android (android.graphics.Color)	4293964966 (0xFFFF0B4A6)
YUV	196.3440, -14.9596, 38.2863
Hunter-Lab	73.4309, 15.2553, 16.3859

Details

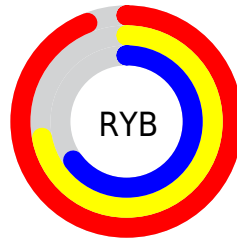
The XYZ color **59.1394, 53.9210, 43.3672** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.6495, 68.7887, 92.6246**, and the grayscale version is **52.7472, 55.4942, 60.4332**.

A 20% lighter version of the original color is **84.2866, 86.4714, 80.6549**, and **30.1551, 26.4609, 19.4377** is the 20% darker color. If you saturate the color by 10%, you get **53.4839, 45.8105, 31.6151**, and if you desaturate by 10%, it is **65.7600, 63.3038, 57.4689**.

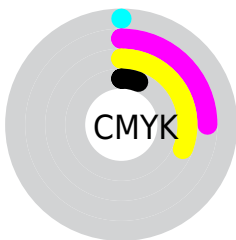
Distribution



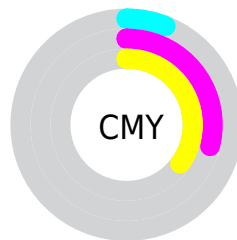
- Red (94%)
- Green (71%)
- Blue (65%)



- Red (94%)
- Yellow (72%)
- Blue (65%)



- Cyan (0%)
- Magenta (25%)
- Yellow (31%)
- Black (6%)





- Cyan (6%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1394, 53.9210, 43.3672 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 59.1394, 53.9210, 43.3672 by changing the saturation by 10% instead.

 59.1394, 53.9210,
43.3672


 59.1394, 53.9210,
43.3672


411.3041,
401.8087, 376.0852

 42.9721, 38.5385,
29.8398


 102.6937, 95.9582,
81.5570

 30.0577, 26.4009,
19.4660


 130.8115,
123.3818, 107.0564

 20.0307, 17.1238,
11.8273


163.6435,
155.5878, 137.3837

 12.5257, 10.3228,
6.5051

201.5550,
192.9607, 172.9572

 7.1775, 5.6135,
3.0808

244.9115,
235.8848, 214.1956

 3.6207, 2.6115,
1.1361

294.0783,

 1.4899, 0.9325,

284.7446, 261.5173

0.0000

349.4207,
339.9244, 315.3410

■ 0.3189, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1394, 53.9210,
43.3672

■ 59.1394, 53.9210,
43.3672

■ 53.4839, 45.8105,
31.6151

■ 65.7600, 63.3038,
57.4689

■ 48.7436, 38.9098,
22.0812

■ 73.3842, 74.0027,
74.0355

■ 44.8702, 33.1625,
14.6261

■ 82.0533, 86.0689,
93.1783

■ 41.8094, 28.5046,
9.0929

■ 89.7453, 97.2653,
108.6517

■ 39.5001, 24.8658,
5.3026

■ 37.8720, 22.1670,
3.0417

■ 36.8898, 20.4344,
1.9999

Harmonies

Analogous

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



61.3067, 53.9210, 54.9083



59.1394, 53.9210, 43.3672



54.8886, 53.9210, 36.7887

Triad

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



59.1394, 53.9210, 43.3672



42.8793, 53.9210, 49.1055



52.6198, 53.9210, 90.1928

Complementary

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



59.1394, 53.9210, 43.3672



58.6495, 68.7887, 92.6246

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.



47.7764, 53.9210, 87.9657



59.1394, 53.9210, 43.3672



42.3585, 53.9210, 62.6849

Square

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



59.1394, 53.9210, 43.3672



45.5676, 53.9210, 39.7096



44.0960, 53.9210, 77.3038



57.3868, 53.9210, 82.9729

Rectangle

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



59.1394, 53.9210, 43.3672



51.5571, 53.9210, 35.3791



44.0960, 53.9210, 77.3038



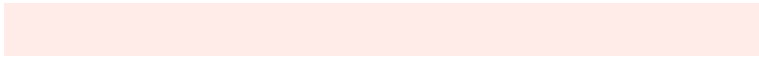
50.9447, 53.9210, 90.5440

Sweetspot

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



59.1408, 53.9235, 43.3683



85.9215, 87.3068, 88.7045



63.3588, 51.3131, 78.8290



18.0948, 18.2741, 18.3369



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.



59.1408, 53.9235, 43.3683



63.6635, 55.8636, 40.9839



67.5198, 70.6814, 46.1613



16.0149, 16.2428, 16.4408



20.2651, 11.3283, 1.1185



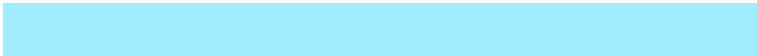
1.7518, 1.0743, 0.1150

Inverse Universe

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



58.6495, 68.7887, 92.6246



63.0033, 75.4123, 105.8432



49.7456, 50.9808, 89.6566



15.9783, 17.3907, 20.2362



19.3340, 24.8922, 48.9135



1.6732, 2.2003, 4.0907

Previews

White Background



This preview shows how the XYZ color 59.1394, 53.9210, 43.3672 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 59.1394, 53.9210, 43.3672 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 59.1394, 53.9210, 43.3672

Background



This preview shows how black text looks on a background with the XYZ color 59.1394, 53.9210, 43.3672.



This preview shows how white text looks on a background with the XYZ color 59.1394, 53.9210,

43.3672.

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

59.1394, 53.9210, 43.3672

Protanopia

51.4632, 54.2972, 47.3032

Deuteranopia

55.3023, 54.1046, 43.1258



Tritanopia

61.7817, 53.8231, 55.8478

Trichromacy



Original Color

59.1394, 53.9210, 43.3672

Protanomaly

53.7722, 53.8964, 45.5992

Deuteranomaly

56.5651, 53.8206, 43.0044

Tritanomaly

60.6806, 53.6577, 50.8748

Monochromacy



Original Color

59.1394, 53.9210, 43.3672

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.3218, 54.3267, 53.5220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1394, 53.9210, 43.3672 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(240, 180, 166)` looks like.

```
.text, #text, p{  
    color:rgb(240, 180, 166)  
}
```

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(240, 180, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 180, 166) }
```

Border

The CSS property to change the border of an element to XYZ 59.1394, 53.9210, 43.3672 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(240, 180, 166) }
```


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

```
.border{ border-color:rgb(240, 180, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 180, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 180, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 180, 166);  
box-shadow:4px 4px 4px 4px rgb(240, 180,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1394, 53.9210, 43.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 180, 166) }
```

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

```
.background{ background-color: rgb(240,  
180, 166) }
```

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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