

Converting Colors

XYZ(59.4912, 52.2305, 44.1881)

Have a look what the booklet for
XYZ(59.4912, 52.2305, 44.1881)
contains.

XYZ(59.5122, 52.3324, 44.0103)	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(59.5122, 52.3324,
44.0103)**

Conversions

Conversions Part 1

Format	Color
Hex	F4AEA8
RGB	244, 174, 168
RGB Percent	96%, 68%, 66%
CMY	0.0431, 0.3176, 0.3412
CMYK	0.00, 0.29, 0.31, 0.04
HSL	5°, 78%, 81%
HSV	5°, 31%, 96%
XYZ	59.5122, 52.3324, 44.0103
YIQ	194.2460, 43.6460, 12.9740

Conversions

Conversions Part 2

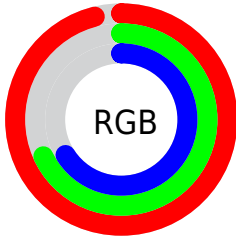
Format	Color
RYB	244, 175, 168
Decimal	16035496
CIELab	77.48, 24.82, 13.30
CIElCh	77, 28.161, 28.173
Yxy	52.3324, 0.3818, 0.3358
Android (android.graphics.Color)	4294225576 (0xFFFF4AEA8)
YUV	194.2460, -12.9393, 43.6343
Hunter-Lab	72.3411, 20.2479, 14.5684

Details

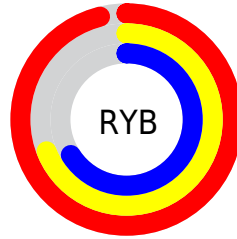
The XYZ color **59.5122, 52.3324, 44.0103** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.0510, 76.0029, 96.9350**, and the grayscale version is **51.4812, 54.1623, 58.9827**.

A 20% lighter version of the original color is **82.8561, 83.1813, 81.5007**, and **30.2395, 25.3748, 19.8270** is the 20% darker color. If you saturate the color by 10%, you get **53.4647, 43.5402, 31.8122**, and if you desaturate by 10%, it is **66.7153, 62.7527, 58.6988**.

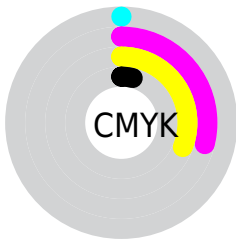
Distribution



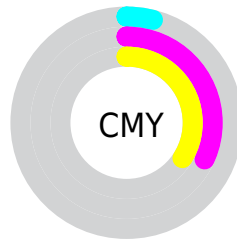
- Red (96%)
- Green (68%)
- Blue (66%)



- Red (96%)
- Yellow (69%)
- Blue (66%)



- Cyan (0%)
- Magenta (29%)
- Yellow (31%)
- Black (4%)





- Cyan (4%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5122, 52.3324, 44.0103 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 59.5122, 52.3324, 44.0103 by changing the saturation by 10% instead.


 59.5122, 52.3324,
44.0103


 59.5122, 52.3324,
44.0103


412.6610,
395.7185, 378.7929

 43.2735, 37.2701,
30.3414


 103.2321, 93.6213,
82.5359

 30.2952, 25.4167,
19.8436


 131.4440,
120.6166, 108.2296

 20.2120, 16.3878,
12.0984


164.3778,
152.3585, 138.7687

 12.6584, 9.7990,
6.6874

202.3987,
189.2312, 174.5716

 7.2691, 5.2659,
3.1919

245.8721,
231.6191, 216.0569

 3.6788, 2.4041,
1.1934

295.1634,

 1.5221, 0.8280,

279.9067, 263.6432

0.0000

350.6379,
334.4784, 317.7490

■ 0.3408, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5122, 52.3324,
44.0103

■ 59.5122, 52.3324,
44.0103

■ 53.4647, 43.5402,
31.8122

■ 66.7153, 62.7527,
58.6988

■ 48.5086, 36.2868,
21.9636

■ 75.1255, 74.8697,
76.0020

■ 44.5799, 30.4859,
14.3139

■ 84.7961, 88.7571,
96.0395

■ 41.6060, 26.0394,
8.6942

■ 91.1183, 97.9731,
108.7160

■ 39.5049, 22.8373,
4.9108

■ 38.1806, 20.7520,
2.7322

■ 37.5459, 19.7084,
1.8252

Harmonies

Analogous

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



60.9096, 52.3324, 57.9387



59.5122, 52.3324, 44.0103



55.4456, 52.3324, 35.1843

Triad

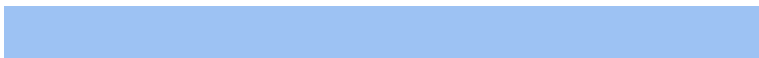
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.5122, 52.3324, 44.0103



41.3949, 52.3324, 42.6364



49.4086, 52.3324, 92.3520

Complementary

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



59.5122, 52.3324, 44.0103



63.0510, 76.0029, 96.9350

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.



44.4406, 52.3324, 86.3130



59.5122, 52.3324, 44.0103



40.0276, 52.3324, 56.0341

Square

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



59.5122, 52.3324, 44.0103



44.9770, 52.3324, 34.4983



41.1014, 52.3324, 72.2786



54.8287, 52.3324, 87.5751

Rectangle

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



59.5122, 52.3324, 44.0103



51.9087, 52.3324, 32.4610



41.1014, 52.3324, 72.2786



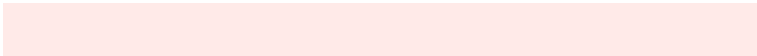
47.6333, 52.3324, 91.5007

Sweetspot

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



59.5136, 52.3349, 44.0113



85.1965, 85.8569, 88.4629



66.8814, 53.4670, 88.4051



17.9178, 17.9201, 18.2779



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.



59.5136, 52.3349, 44.0113



61.6642, 51.8649, 40.3175



67.6873, 68.6824, 46.7359



16.6043, 16.6928, 17.1444



20.4529, 10.7914, 1.0050



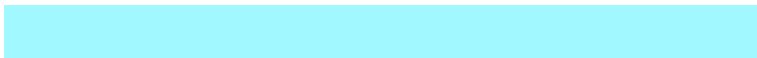
1.8333, 1.0197, 0.1002

Inverse Universe

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



63.0510, 76.0029, 96.9350



66.1052, 81.6161, 106.8771



53.3492, 56.5992, 93.7011



16.8781, 18.5205, 21.2278



23.5253, 32.8444, 51.6377



2.1003, 2.9520, 4.5493

Previews

White Background



This preview shows how the XYZ color 59.5122, 52.3324, 44.0103 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 59.5122, 52.3324, 44.0103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

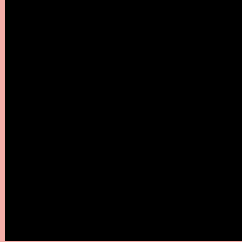
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5122, 52.3324, 44.0103

Background



This preview shows how black text looks on a background with the XYZ color 59.5122, 52.3324, 44.0103.



This preview shows how white text looks on a background with the XYZ color 59.5122, 52.3324,

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

59.5122, 52.3324, 44.0103

Protanopia

50.1198, 52.5780, 49.1020

Deuteranopia

53.7471, 52.6667, 43.4093



Tritanopia

61.3259, 52.2214, 52.7465

Trichromacy



Original Color

59.5122, 52.3324, 44.0103

Protanomaly

53.0133, 52.2010, 47.3261

Deuteranomaly

55.8120, 52.4958, 43.7503

Tritanomaly

60.5454, 52.1722, 49.5270

Monochromacy



Original Color

59.5122, 52.3324, 44.0103

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.6787, 53.0405, 53.3076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5122, 52.3324, 44.0103 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(244, 174, 168)` looks like.

```
.text, #text, p{  
    color:rgb(244, 174, 168)  
}
```

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(244, 174, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 174, 168) }
```

Border

The CSS property to change the border of an element to XYZ 59.5122, 52.3324, 44.0103 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(244, 174, 168) }
```


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

```
.border{ border-color:rgb(244, 174, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 174, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 174, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 174, 168); box-shadow:4px 4px 4px 4px rgb(244, 174, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5122, 52.3324, 44.0103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 174, 168) }
```

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

```
.background{ background-color: rgb(244,  
174, 168) }
```

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