

Converting Colors

XYZ(52.9980, 44.1131, 39.5896)

Have a look what the booklet for
XYZ(52.9980, 44.1131, 39.5896)
contains.

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Color

**XYZ(52.9136, 44.1830,
39.4575)**

Conversions

Conversions Part 1

Format	Color
Hex	EC9CA1
RGB	236, 156, 161
RGB Percent	93%, 61%, 63%
CMY	0.0745, 0.3882, 0.3686
CMYK	0.00, 0.34, 0.32, 0.07
HSL	356°, 68%, 77%
HSV	356°, 34%, 93%
XYZ	52.9136, 44.1830, 39.4575
YIQ	180.4900, 46.0750, 18.5150

Conversions

Conversions Part 2

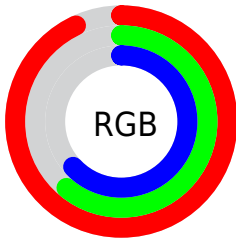
Format	Color
R _Y B	236, 156, 161
Decimal	15506593
CIE Lab	72.35, 30.50, 9.74
CIE LCh	72, 32.015, 17.711
Yxy	44.1830, 0.3875, 0.3236
Android (android.graphics.Color)	4293696673 (0xFFEC9CA1)
YUV	180.4900, -9.6086, 48.6823
Hunter-Lab	66.4703, 25.7717, 11.3340

Details

The XYZ color **52.9136, 44.1830, 39.4575** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.1316, 72.8295, 86.5989**, and the grayscale version is **43.6796, 45.9544, 50.0443**.

A 20% lighter version of the original color is **76.9289, 72.8064, 74.9642**, and **26.1249, 20.4914, 17.3302** is the 20% darker color. If you saturate the color by 10%, you get **47.5497, 36.3062, 28.8798**, and if you desaturate by 10%, it is **59.3945, 53.7408, 52.1119**.

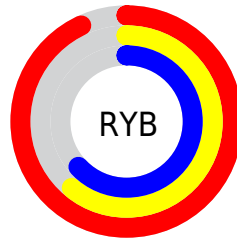
Distribution



Red (93%)

Green (61%)

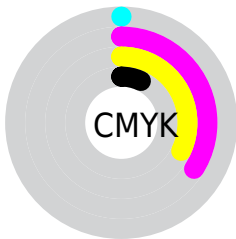
Blue (63%)



Red (93%)

Yellow (61%)

Blue (63%)

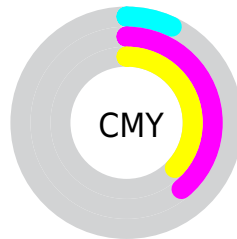


Cyan (0%)

Magenta (34%)

Yellow (32%)

Black (7%)



Cyan (7%)

Magenta (39%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9136, 44.1830, 39.4575 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 52.9136, 44.1830, 39.4575 by changing the saturation by 10% instead.


 52.9136, 44.1830,
39.4575


 52.9136, 44.1830,
39.4575


388.2198,
363.4545, 359.3156

 37.9610, 30.8144,
26.8053


 93.6435, 81.4930,
75.5647

 26.1295, 20.4576,
17.1959


 120.1515,
106.2033, 99.8568

 17.0537, 12.7281,
10.2108

151.2420,
135.4628, 128.8659

 10.3684, 7.2416,
5.4315

187.2804,
169.6561, 163.0105

 5.7080, 3.6136,
2.4395

228.6321,
209.1676, 202.7093

 2.7073, 1.4599,
0.8078

275.6623,

 1.0009, 0.2602,

254.3815, 248.3807

0.0000

328.7364,
305.6824, 300.4433

0.0000, 0.0000,
0.0000

52.9136, 44.1830,
39.4575

52.9136, 44.1830,
39.4575

47.5497, 36.3062,
28.8798

59.3945, 53.7408,
52.1119

43.2363, 30.0073,
20.2653

67.0469, 65.0623,
66.9429

39.9053, 25.1818,
13.4939

75.9260, 78.2322,
84.0471

37.4794, 21.7098,
8.4310

86.0822, 93.3280,
103.5145

35.8692, 19.4530,
4.9238

88.4022, 96.5729,
108.5889

■ 34.9673, 18.2430,
2.7922

■ 34.6765, 17.8667,
2.0631

Harmonies

Analogous

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



53.2167, 44.1830, 54.8571



52.9136, 44.1830, 39.4575



49.5320, 44.1830, 28.9767

Triad

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



52.9136, 44.1830, 39.4575



34.6367, 44.1830, 30.4479



39.7804, 44.1830, 84.2487

Complementary

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



52.9136, 44.1830, 39.4575



58.1316, 72.8295, 86.5989

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.



35.2635, 44.1830, 74.2164



52.9136, 44.1830, 39.4575



32.4727, 44.1830, 41.9361

Square

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



52.9136, 44.1830, 39.4575



38.8543, 44.1830, 24.6116



32.6917, 44.1830, 57.9380



45.2998, 44.1830, 83.1744

Rectangle

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



52.9136, 44.1830, 39.4575



46.1412, 44.1830, 25.1455



32.6917, 44.1830, 57.9380



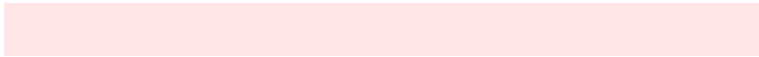
38.1042, 44.1830, 81.9862

Sweetspot

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



52.9148, 44.1851, 39.4584



83.8347, 83.3505, 87.3393



59.8776, 46.7687, 85.2285



17.6327, 17.3788, 18.0938



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.



52.9148, 44.1851, 39.4584



58.3023, 45.6502, 37.6271



59.1524, 57.3514, 39.4074



15.1036, 15.0693, 15.8309



19.1300, 9.8547, 1.2198



1.5156, 0.7792, 0.1665

Inverse Universe

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



52.9148, 44.1851, 39.4584



58.3023, 45.6502, 37.6271



49.8169, 55.0549, 87.3582



15.1036, 15.0693, 15.8309



19.1300, 9.8547, 1.2198



1.5156, 0.7792, 0.1665

Previews

White Background



This preview shows how the XYZ color 52.9136, 44.1830, 39.4575 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 52.9136, 44.1830, 39.4575 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 52.9136, 44.1830, 39.4575

Background



This preview shows how black text looks on a background with the XYZ color 52.9136, 44.1830, 39.4575.



This preview shows how white text looks on a background with the XYZ color 52.9136, 44.1830,

39.4575.

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

52.9136, 44.1830, 39.4575

Protanopia

42.4599, 44.3679, 45.3557

Deuteranopia

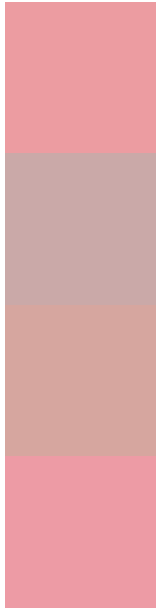
45.0916, 44.1510, 38.4932



Tritanopia

53.6214, 44.2372, 42.2717

Trichromacy



Original Color

52.9136, 44.1830, 39.4575

Protanomaly

45.6130, 43.7596, 43.0882

Deuteranomaly

47.6258, 44.0718, 38.7974

Tritanomaly

53.4379, 44.1638, 41.3053

Monochromacy



Original Color

52.9136, 44.1830, 39.4575

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.9252, 44.4223, 45.6890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9136, 44.1830, 39.4575 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(236, 156, 161)` looks like.

```
.text, #text, p{  
    color:rgb(236, 156, 161)  
}
```

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(236, 156, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 156, 161) }
```

Border

The CSS property to change the border of an element to XYZ 52.9136, 44.1830, 39.4575 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(236, 156, 161) }
```


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

```
.border{ border-color:rgb(236, 156, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 156, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 156, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 156, 161);  
box-shadow:4px 4px 4px 4px rgb(236, 156,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9136, 44.1830, 39.4575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 156, 161) }
```

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

```
.background{ background-color: rgb(236,  
156, 161) }
```

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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