

Converting Colors

XYZ(53.8271, 44.8838, 49.5420)

Have a look what the booklet for
XYZ(53.8271, 44.8838, 49.5420)
contains.

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Color

**XYZ(53.8461, 44.9457,
49.5535)**

Conversions

Conversions Part 1

Format	Color
Hex	E89EB5
RGB	232, 158, 181
RGB Percent	91%, 62%, 71%
CMY	0.0902, 0.3804, 0.2902
CMYK	0.00, 0.32, 0.22, 0.09
HSL	341°, 62%, 76%
HSV	341°, 32%, 91%
XYZ	53.8461, 44.9457, 49.5535
YIQ	182.7480, 36.7210, 22.8410

Conversions

Conversions Part 2

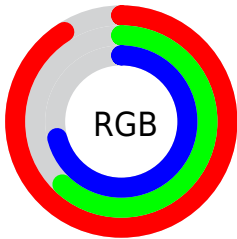
Format	Color
R _Y B	232, 158, 181
Decimal	15244981
CIE Lab	72.86, 30.72, -0.64
CIE LCh	73, 30.728, 358.808
Yxy	44.9457, 0.3630, 0.3030
Android (android.graphics.Color)	4293435061 (0xFFE89EB5)
YUV	182.7480, -0.8618, 43.1940
Hunter-Lab	67.0416, 26.0440, 3.1051

Details

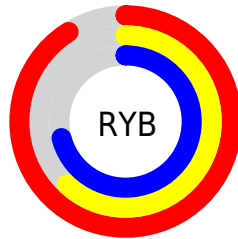
The XYZ color **53.8461, 44.9457, 49.5535** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.4677, 69.5870, 70.8858**, and the grayscale version is **44.8633, 47.1997, 51.4004**.

A 20% lighter version of the original color is **80.3203, 74.9629, 90.3567**, and **26.7295, 20.9805, 23.0629** is the 20% darker color. If you saturate the color by 10%, you get **48.7083, 37.1467, 40.2054**, and if you desaturate by 10%, it is **59.9217, 54.3182, 60.1443**.

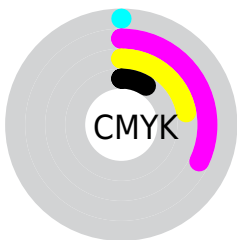
Distribution



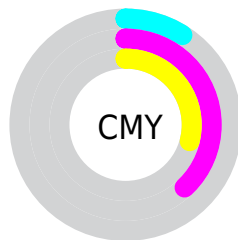
- Red (91%)
- Green (62%)
- Blue (71%)



- Red (91%)
- Yellow (62%)
- Blue (71%)



- Cyan (0%)
- Magenta (32%)
- Yellow (22%)
- Black (9%)




- Cyan (9%)
- Magenta (38%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8461, 44.9457, 49.5535 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 53.8461, 44.9457, 49.5535 by changing the saturation by 10% instead.


 53.8461, 44.9457,
49.5535


 53.8461, 44.9457,
49.5535


391.7308,
366.5536, 401.6022

 38.7088, 31.4147,
34.6901


 95.0065, 82.6389,
90.9025

 26.7130, 20.9148,
23.1426


 121.7602,
107.5699, 118.2250

 17.4933, 13.0617,
14.4925


153.1169,
137.0696, 150.5378

 10.6843, 7.4711,
8.3214

189.4418,
171.5225, 188.2591

 5.9207, 3.7584,
4.2106

231.1003,
211.3130, 231.8077

 2.8371, 1.5394,
1.7416

278.4577,

 1.0682, 0.3162,

256.8254, 281.6021

0.3890

331.8794,
308.4441, 338.0607

■ 0.0000, 0.0000,
0.0000

■ 53.8461, 44.9457,
49.5535

■ 53.8461, 44.9457,
49.5535

■ 48.7083, 37.1467,
40.2054

■ 59.9217, 54.3182,
60.1443

■ 44.4561, 30.8280,
32.0498

■ 66.9763, 65.3380,
72.0199

■ 41.0378, 25.8964,
25.0370

■ 75.0529, 78.0817,
85.2235

■ 38.3943, 22.2454,
19.1123

■ 84.1911, 92.6193,
99.7956

■ 36.4585, 19.7528,
14.2160

■ 87.0889, 95.8959,
108.5274

■ 35.1506, 18.2719,
10.2811

■ 34.4519, 17.6251,
7.7340

Harmonies

Analogous

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



52.1327, 44.9457, 65.8285



53.8461, 44.9457, 49.5535



52.3774, 44.9457, 36.0757

Triad

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



53.8461, 44.9457, 49.5535



37.9539, 44.9457, 27.4045



37.6125, 44.9457, 78.6978

Complementary

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



53.8461, 44.9457, 49.5535



54.4677, 69.5870, 70.8858

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.



34.3284, 44.9457, 64.5437



53.8461, 44.9457, 49.5535



34.5137, 44.9457, 35.2165

Square

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



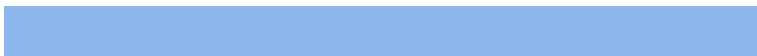
53.8461, 44.9457, 49.5535



42.9338, 44.9457, 25.0065



33.2421, 44.9457, 48.3281



42.5060, 44.9457, 84.6777

Rectangle

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



53.8461, 44.9457, 49.5535



49.8554, 44.9457, 29.9553



33.2421, 44.9457, 48.3281



36.2993, 44.9457, 74.6103

Sweetspot

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



53.8474, 44.9478, 49.5544



84.7461, 83.7150, 92.1385



52.9661, 43.7744, 82.0021



17.8515, 17.4663, 19.2462



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.



53.8474, 44.9478, 49.5544



62.5841, 49.3879, 53.9321



54.1221, 48.9669, 38.9493



14.5605, 14.4414, 15.8862



19.1760, 9.8046, 4.5559



1.4576, 0.7408, 0.5505

Inverse Universe

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



53.8474, 44.9478, 49.5544



62.5841, 49.3879, 53.9321



53.8516, 63.4646, 85.7561



14.5605, 14.4414, 15.8862



19.1760, 9.8046, 4.5559



1.4576, 0.7408, 0.5505

Previews

White Background



This preview shows how the XYZ color 53.8461, 44.9457, 49.5535 looks on a white background.

Color Contrast Check

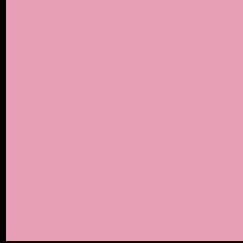
Large Text (above 18pt) WCAG AA × Fail

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 53.8461, 44.9457, 49.5535 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 53.8461, 44.9457, 49.5535

Background



This preview shows how black text looks on a background with the XYZ color 53.8461, 44.9457, 49.5535.



This preview shows how white text looks on a background with the XYZ color 53.8461, 44.9457,

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

53.8461, 44.9457, 49.5535

Protanopia

43.9061, 45.1560, 56.8540

Deuteranopia

46.0054, 44.9718, 48.3752



Tritanopia

52.9722, 45.1091, 44.9447

Trichromacy



Original Color

53.8461, 44.9457, 49.5535

Protanomaly

47.0369, 44.8057, 54.3134

Deuteranomaly

48.7177, 44.9616, 48.7586

Tritanomaly

53.0910, 44.8803, 46.4220

Monochromacy



Original Color

53.8461, 44.9457, 49.5535

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.6669, 46.0670, 50.6355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8461, 44.9457, 49.5535 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(232, 158, 181)` looks like.

```
.text, #text, p{  
    color:rgb(232, 158, 181)  
}
```

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(232, 158, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 158, 181) }
```

Border

The CSS property to change the border of an element to XYZ 53.8461, 44.9457, 49.5535 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(232, 158, 181) }
```


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

```
.border{ border-color:rgb(232, 158, 181) }
```

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

Here you see how a box with a 4 pixel rgb(232, 158, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 158, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 158, 181);  
box-shadow:4px 4px 4px 4px rgb(232, 158,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8461, 44.9457, 49.5535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 158, 181) }
```

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

```
.background{ background-color: rgb(232,  
158, 181) }
```

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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