

Converting Colors

XYZ(54.6506, 44.4285, 48.1268)

Have a look what the booklet for
XYZ(54.6506, 44.4285, 48.1268)
contains.

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Color

**XYZ(54.6173, 44.3704,
48.3335)**

Conversions

Conversions Part 1

Format	Color
Hex	ED9AB3
RGB	237, 154, 179
RGB Percent	93%, 60%, 70%
CMY	0.0706, 0.3961, 0.2980
CMYK	0.00, 0.35, 0.24, 0.07
HSL	342°, 70%, 77%
HSV	342°, 35%, 93%
XYZ	54.6173, 44.3704, 48.3335
YIQ	181.6670, 41.4430, 25.3710

Conversions

Conversions Part 2

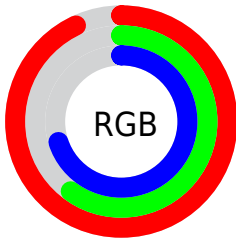
Format	Color
R _Y B	237, 154, 179
Decimal	15571635
CIE Lab	72.48, 34.33, -0.02
CIE LCh	72, 34.328, 359.962
Yxy	44.3704, 0.3707, 0.3012
Android (android.graphics.Color)	4293761715 (0xFFED9AB3)
YUV	181.6670, -1.3148, 48.5270
Hunter-Lab	66.6111, 29.7903, 3.6065

Details

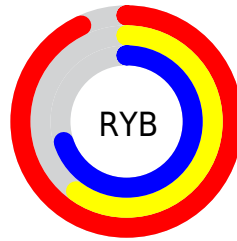
The XYZ color **54.6173, 44.3704, 48.3335** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.4962, 72.1929, 73.3006**, and the grayscale version is **44.2746, 46.5803, 50.7260**.

A 20% lighter version of the original color is **79.0359, 72.8591, 88.4948**, and **27.1077, 20.5928, 22.2847** is the 20% darker color. If you saturate the color by 10%, you get **49.5092, 36.6756, 38.8569**, and if you desaturate by 10%, it is **60.7013, 53.6942, 59.1291**.

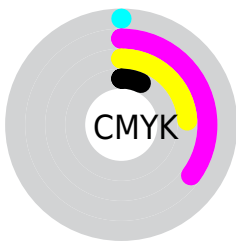
Distribution



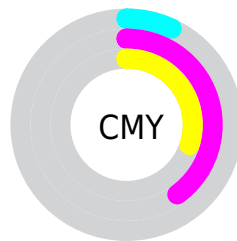
- Red (93%)
- Green (60%)
- Blue (70%)



- Red (93%)
- Yellow (60%)
- Blue (70%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (7%)





- Cyan (7%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6173, 44.3704, 48.3335 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 54.6173, 44.3704, 48.3335 by changing the saturation by 10% instead.


 54.6173, 44.3704,
48.3335


 54.6173, 44.3704,
48.3335


394.6197,
364.2176, 396.6593

 39.3280, 30.9618,
33.7292

 96.1316, 81.7748,
89.0715

 27.1969, 20.5698,
22.4100


 123.0874,
106.5394, 116.0422

 17.8585, 12.8099,
13.9573


154.6627,
135.8582, 147.9722

 10.9475, 7.2978,
7.9525

191.2228,
170.1154, 185.2799

 6.0986, 3.6490,
3.9772

233.1333,
209.6956, 228.3839

 2.9463, 1.4792,
1.6129

280.7593,

 1.1255, 0.2740,

254.9831, 277.7028

0.3000

334.4663,
306.3623, 333.6551

■ 0.0463, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6173, 44.3704,
48.3335

■ 54.6173, 44.3704,
48.3335

■ 49.5092, 36.6756,
38.8569

■ 60.7013, 53.6942,
59.1291

■ 45.3205, 30.5095,
30.6439

■ 67.8062, 64.7273,
71.2905

■ 41.9946, 25.7701,
23.6391

■ 75.9784, 77.5522,
84.8653

■ 39.4664, 22.3404,
17.7815

■ 85.2607, 92.2441,
99.8982

■ 37.6612, 20.0846,
13.0037

■ 88.7351, 96.7446,
108.6045

■ 36.4885, 18.8365,
9.2299

■ 36.0746, 18.4644,
7.6873

Harmonies

Analogous

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



52.8200, 44.3704, 66.5470



54.6173, 44.3704, 48.3335



52.8288, 44.3704, 33.7847

Triad

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



54.6173, 44.3704, 48.3335



36.7368, 44.3704, 25.2057



36.7249, 44.3704, 82.4054

Complementary

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



54.6173, 44.3704, 48.3335



55.4962, 72.1929, 73.3006

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.



33.0555, 44.3704, 66.5005



54.6173, 44.3704, 48.3335



33.0620, 44.3704, 33.7551

Square

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



54.6173, 44.3704, 48.3335



42.1803, 44.3704, 22.4849



31.7785, 44.3704, 48.2902



42.1652, 44.3704, 88.8186

Rectangle

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



54.6173, 44.3704, 48.3335



49.9314, 44.3704, 27.3956



31.7785, 44.3704, 48.2902



35.2625, 44.3704, 77.8329

Sweetspot

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



54.6185, 44.3725, 48.3344



83.7483, 82.1920, 90.3494



53.6262, 43.0350, 85.6012



17.6509, 17.1621, 18.8799



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.



54.6185, 44.3725, 48.3344



60.0682, 45.7100, 48.9197



54.9876, 48.7964, 37.0950



15.2522, 15.1287, 16.6132



19.7461, 10.1011, 4.4641



1.5918, 0.8097, 0.5676

Inverse Universe

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



54.6185, 44.3725, 48.3344



60.0682, 45.7100, 48.9197



54.6778, 65.1133, 89.8073



15.2522, 15.1287, 16.6132



19.7461, 10.1011, 4.4641



1.5918, 0.8097, 0.5676

Previews

White Background



This preview shows how the XYZ color 54.6173, 44.3704, 48.3335 looks on a white background.

Color Contrast Check

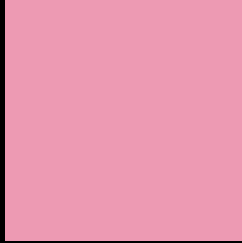
Large Text (above 18pt) WCAG AA × Fail

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 54.6173, 44.3704, 48.3335 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 54.6173, 44.3704, 48.3335

Background



This preview shows how black text looks on a background with the XYZ color 54.6173, 44.3704, 48.3335.



This preview shows how white text looks on a background with the XYZ color 54.6173, 44.3704,

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

54.6173, 44.3704, 48.3335

Protanopia

43.4792, 44.6416, 56.7772

Deuteranopia

45.3539, 44.3754, 47.2492



Tritanopia

53.5484, 44.4370, 42.8007

Trichromacy



Original Color

54.6173, 44.3704, 48.3335

Protanomaly

46.8183, 44.1489, 53.6310

Deuteranomaly

48.2549, 43.9335, 47.5317

Tritanomaly

53.7598, 44.2541, 44.7382

Monochromacy



Original Color

54.6173, 44.3704, 48.3335

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

47.4501, 45.3978, 49.9778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6173, 44.3704, 48.3335 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(237, 154, 179)` looks like.

```
.text, #text, p{  
    color:rgb(237, 154, 179)  
}
```

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(237, 154, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 154, 179) }
```

Border

The CSS property to change the border of an element to XYZ 54.6173, 44.3704, 48.3335 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(237, 154, 179) }
```


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

```
.border{ border-color:rgb(237, 154, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 154, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 154, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 154, 179);  
box-shadow:4px 4px 4px 4px rgb(237, 154,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6173, 44.3704, 48.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 154, 179) }
```

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

```
.background{ background-color: rgb(237,  
154, 179) }
```

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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