

Converting Colors

XYZ(53.4970, 44.0023, 47.4239)

Have a look what the booklet for
XYZ(53.4970, 44.0023, 47.4239)
contains.

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Color

**XYZ(53.5888, 44.1094,
47.2845)**

Conversions

Conversions Part 1

Format	Color
Hex	EA9BB1
RGB	234, 155, 177
RGB Percent	92%, 61%, 69%
CMY	0.0824, 0.3921, 0.3059
CMYK	0.00, 0.34, 0.24, 0.08
HSL	343°, 65%, 76%
HSV	343°, 34%, 92%
XYZ	53.5888, 44.1094, 47.2845
YIQ	181.1290, 40.0220, 23.5900

Conversions

Conversions Part 2

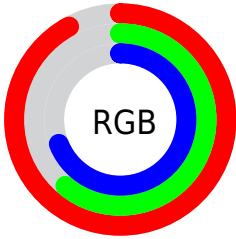
Format	Color
R_{YB}	234, 155, 177
Decimal	15375281
CIE _{Lab}	72.30, 32.45, 0.79
CIE _{LCh}	72, 32.461, 1.393
Y _{xy}	44.1094, 0.3696, 0.3042
Android (android.graphics.Color)	4293565361 (0xFFEA9BB1)
YUV	181.1290, -2.0356, 46.3679
Hunter-Lab	66.4149, 27.8018, 4.2786

Details

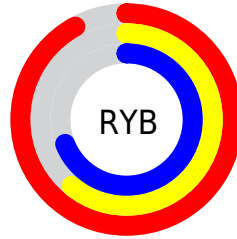
The XYZ color **53.5888, 44.1094, 47.2845** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.8259, 70.5687, 73.0222**, and the grayscale version is **43.9873, 46.2781, 50.3968**.

A 20% lighter version of the original color is **78.9946, 73.2364, 87.0634**, and **26.6834, 20.5283, 21.9580** is the 20% darker color. If you saturate the color by 10%, you get **48.4851, 36.4304, 37.7875**, and if you desaturate by 10%, it is **59.6578, 53.3849, 58.1316**.

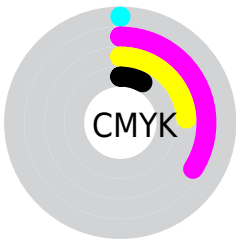
Distribution



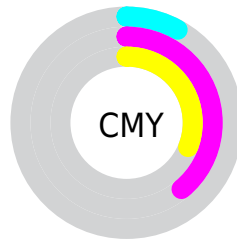
- Red (92%)
- Green (61%)
- Blue (69%)



- Red (92%)
- Yellow (61%)
- Blue (69%)



- Cyan (0%)
- Magenta (34%)
- Yellow (24%)
- Black (8%)





- Cyan (8%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5888, 44.1094, 47.2845 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 53.5888, 44.1094, 47.2845 by changing the saturation by 10% instead.


 53.5888, 44.1094,
47.2845


 53.5888, 44.1094,
47.2845


390.7640,
363.1545, 392.3756

 38.5024, 30.7565,
32.9047

 94.6307, 81.3823,
87.4926

 26.5518, 20.4135,
21.7829


 121.3168,
106.0712, 114.1579

 17.3717, 12.6960,
13.5007


152.6002,
135.3075, 145.7554

 10.5968, 7.2195,
7.6394

188.8463,
169.4756, 182.7037

 5.8617, 3.5998,
3.7807

230.4203,
208.9600, 225.4214

 2.8010, 1.4523,
1.5058

277.6877,

 1.0494, 0.2548,

254.1450, 274.3269

0.2222

331.0139,
305.4151, 329.8388

■ 0.0000, 0.0000,
0.0000

■ 53.5888, 44.1094,
47.2845

■ 53.5888, 44.1094,
47.2845

■ 48.4851, 36.4304,
37.7875

■ 59.6578, 53.3849,
58.1316

■ 44.2916, 30.2513,
29.5835

■ 66.7359, 64.3341,
70.3774

■ 40.9534, 25.4743,
22.6150

■ 74.8684, 77.0366,
84.0712

■ 38.4076, 21.9876,
16.8187

■ 84.0970, 91.5650,
99.2592

■ 36.5822, 19.6619,
12.1253

■ 87.7418, 96.2325,
108.5580

■ 35.3910, 18.3406,
8.4566

■ 34.8904, 17.8759,
6.6361

Harmonies

Analogous

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



52.0649, 44.1094, 64.2895



53.5888, 44.1094, 47.2845



51.7641, 44.1094, 33.7362

Triad

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



53.5888, 44.1094, 47.2845



36.5814, 44.1094, 26.2870



36.9955, 44.1094, 80.3625

Complementary

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



53.5888, 44.1094, 47.2845



54.8259, 70.5687, 73.0222

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.



33.4184, 44.1094, 65.8739



53.5888, 44.1094, 47.2845



33.1947, 44.1094, 34.7690

Square

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



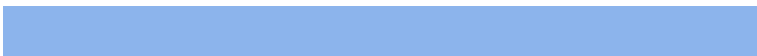
53.5888, 44.1094, 47.2845



41.6644, 44.1094, 23.3968



32.0892, 44.1094, 48.7785



42.1860, 44.1094, 85.7515

Rectangle

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



53.5888, 44.1094, 47.2845



48.9805, 44.1094, 27.7985



32.0892, 44.1094, 48.7785



35.5812, 44.1094, 76.2569

Sweetspot

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



53.5900, 44.1115, 47.2854



84.6256, 83.6668, 91.5039



53.6152, 43.3256, 83.3790



17.8225, 17.4547, 19.0934



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.



53.5900, 44.1115, 47.2854



60.4118, 46.4940, 48.7360



54.6243, 49.4105, 37.6711



15.2378, 15.1230, 16.5377



19.6524, 10.0637, 3.9711



1.5829, 0.8061, 0.5208

Inverse Universe

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



53.5900, 44.1115, 47.2854



60.4118, 46.4940, 48.7360



53.1532, 62.4760, 87.0998



15.2378, 15.1230, 16.5377



19.6524, 10.0637, 3.9711



1.5829, 0.8061, 0.5208

Previews

White Background



This preview shows how the XYZ color 53.5888, 44.1094, 47.2845 looks on a white background.

Color Contrast Check

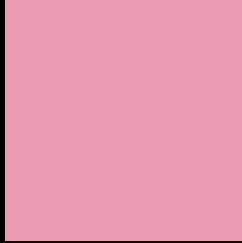
Large Text (above 18pt) WCAG AA × Fail

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 53.5888, 44.1094, 47.2845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

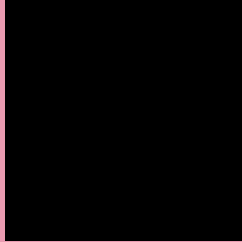
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5888, 44.1094, 47.2845

Background



This preview shows how black text looks on a background with the XYZ color 53.5888, 44.1094, 47.2845.



This preview shows how white text looks on a background with the XYZ color 53.5888, 44.1094,

47.2845.

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

53.5888, 44.1094, 47.2845

Protanopia

43.1479, 44.5091, 55.0322

Deuteranopia

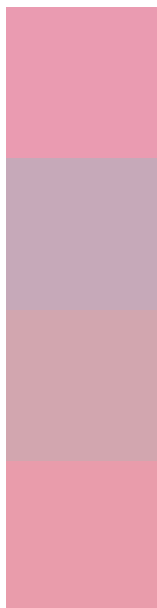
45.1575, 44.2968, 46.2145



Tritanopia

52.5606, 43.9277, 42.7544

Trichromacy



Original Color

53.5888, 44.1094, 47.2845

Protanomaly

46.2336, 43.8845, 51.9327

Deuteranomaly

47.9524, 44.0692, 46.5363

Tritanomaly

52.8434, 44.0408, 44.2437

Monochromacy



Original Color

53.5888, 44.1094, 47.2845

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.8102, 45.0797, 49.4141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5888, 44.1094, 47.2845 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(234, 155, 177)` looks like.

```
.text, #text, p{  
    color:rgb(234, 155, 177)  
}
```

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(234, 155, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 155, 177) }
```

Border

The CSS property to change the border of an element to XYZ 53.5888, 44.1094, 47.2845 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(234, 155, 177) }
```


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

```
.border{ border-color:rgb(234, 155, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 155, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 155, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 155, 177);  
box-shadow:4px 4px 4px 4px rgb(234, 155,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5888, 44.1094, 47.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 155, 177) }
```

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

```
.background{ background-color: rgb(234,  
155, 177) }
```

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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