

Converting Colors

XYZ(55.5729, 46.8707, 54.7629)

Have a look what the booklet for
XYZ(55.5729, 46.8707, 54.7629)
contains.

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Color

**XYZ(55.4933, 46.7142,
54.8071)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A2BE
RGB	232, 162, 190
RGB Percent	91%, 64%, 75%
CMY	0.0902, 0.3647, 0.2549
CMYK	0.00, 0.30, 0.18, 0.09
HSL	336°, 60%, 77%
HSV	336°, 30%, 91%
XYZ	55.4933, 46.7142, 54.8071
YIQ	186.1220, 32.7320, 23.5480

Conversions

Conversions Part 2

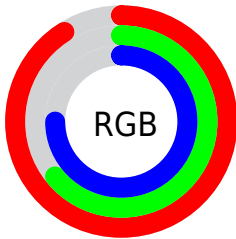
Format	Color
R _Y B	232, 162, 190
Decimal	15246014
CIE Lab	74.01, 29.94, -3.91
CIE LCh	74, 30.193, 352.558
Yxy	46.7142, 0.3534, 0.2975
Android (android.graphics.Color)	4293436094 (0xFFE8A2BE)
YUV	186.1220, 1.9119, 40.2350
Hunter-Lab	68.3478, 25.3200, 0.2997

Details

The XYZ color **55.4933, 46.7142, 54.8071** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.6580, 69.7554, 67.7135**, and the grayscale version is **46.7184, 49.1514, 53.5259**.

A 20% lighter version of the original color is **82.6874, 77.5395, 97.7973**, and **27.6632, 21.8574, 26.4278** is the 20% darker color. If you saturate the color by 10%, you get **50.3278, 38.7027, 45.9337**, and if you desaturate by 10%, it is **61.5607, 56.2959, 64.6993**.

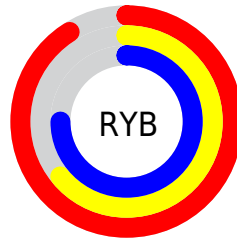
Distribution



Red (91%)

Green (64%)

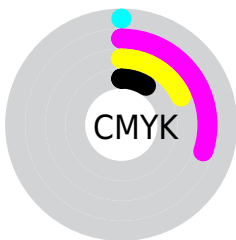
Blue (75%)



Red (91%)

Yellow (64%)

Blue (75%)

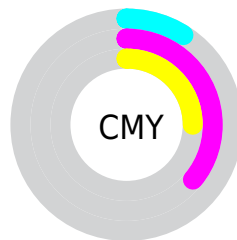


Cyan (0%)

Magenta (30%)

Yellow (18%)

Black (9%)



Cyan (9%)


Magenta (36%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4933, 46.7142, 54.8071 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 55.4933, 46.7142, 54.8071 by changing the saturation by 10% instead.


 55.4933, 46.7142,
54.8071


 55.4933, 46.7142,
54.8071


397.8852,
373.6726, 422.4416

 40.0322, 32.8098,
38.8497


 97.4075, 85.2869,
98.7266

 27.7480, 21.9808,
26.3359


 124.5912,
110.7239, 127.5258

 18.2753, 13.8428,
16.8471


156.4133,
140.7739, 161.4427

 11.2487, 8.0114,
9.9647

193.2390,
175.8213, 200.8958

 6.3029, 4.1022,
5.2703

235.4337,
216.2505, 246.3038

 3.0725, 1.7309,
2.3452

283.3627,

 1.1922, 0.4436,

262.4458, 298.0850

0.7564

337.3914,
314.7917, 356.6581

■ 0.1002, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4933, 46.7142,
54.8071

■ 55.4933, 46.7142,
54.8071

■ 50.3278, 38.7027,
45.9337

■ 61.5607, 56.2959,
64.6993

■ 46.0147, 32.1703,
38.0409

■ 68.5682, 67.5196,
75.6406

■ 42.5055, 27.0263,
31.0923

■ 76.5567, 80.4603,
87.6636

■ 39.7449, 23.1676,
25.0475

■ 85.5632, 95.1867,
100.7985

■ 37.6704, 20.4760,
19.8625

■ 87.0889, 95.8959,
108.5274

■ 36.2078, 18.8115,
15.4883

■ 35.2455, 17.9425,
11.9131

Harmonies

Analogous

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



53.1502, 46.7142, 71.1329



55.4933, 46.7142, 54.8071



54.6784, 46.7142, 40.3036

Triad

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



55.4933, 46.7142, 54.8071



40.5413, 46.7142, 28.0776



38.3915, 46.7142, 78.2647

Complementary

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



55.4933, 46.7142, 54.8071



54.6580, 69.7554, 67.7135

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.



35.4986, 46.7142, 63.1241



55.4933, 46.7142, 54.8071



36.6679, 46.7142, 34.8649

Square

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



55.4933, 46.7142, 54.8071



45.7568, 46.7142, 26.7392



34.8941, 46.7142, 47.1144



43.0712, 46.7142, 86.3474

Rectangle

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



55.4933, 46.7142, 54.8071



52.4825, 46.7142, 33.3106



34.8941, 46.7142, 47.1144



37.1939, 46.7142, 73.7016

Sweetspot

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



55.4946, 46.7164, 54.8081



86.0221, 85.3660, 95.3421



52.3895, 44.5067, 82.1738



18.1202, 17.8010, 19.9603



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.



55.4946, 46.7164, 54.8081



64.7883, 51.6917, 61.1552



53.9900, 48.1426, 40.6320



14.6146, 14.4630, 16.1710



19.6250, 9.9842, 6.9204



1.4951, 0.7557, 0.7476

Inverse Universe

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



55.4946, 46.7164, 54.8081



64.7883, 51.6917, 61.1552



56.3926, 67.3593, 86.3738



14.6146, 14.4630, 16.1710



19.6250, 9.9842, 6.9204



1.4951, 0.7557, 0.7476

Previews

White Background



This preview shows how the XYZ color 55.4933, 46.7142, 54.8071 looks on a white background.

Color Contrast Check

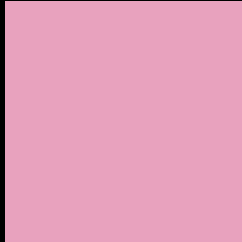
Large Text (above 18pt) WCAG AA × Fail

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 55.4933, 46.7142, 54.8071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

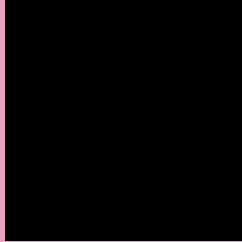
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4933, 46.7142, 54.8071

Background



This preview shows how black text looks on a background with the XYZ color 55.4933, 46.7142, 54.8071.



This preview shows how white text looks on a background with the XYZ color 55.4933, 46.7142, 54.8071.

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

55.4933, 46.7142, 54.8071

Protanopia

46.0069, 47.0153, 62.5272

Deuteranopia

47.9805, 47.0379, 53.5641



Tritanopia

53.8444, 46.5482, 47.7418

Trichromacy



Original Color

55.4933, 46.7142, 54.8071

Protanomaly

48.8823, 46.4914, 59.8235

Deuteranomaly

50.4080, 46.8375, 53.9607

Tritanomaly

54.4957, 46.5607, 50.3708

Monochromacy



Original Color

55.4933, 46.7142, 54.8071

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.3204, 47.7286, 53.6268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4933, 46.7142, 54.8071 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, 162, 190)` looks like.

```
.text, #text, p{  
    color:rgb(232, 162, 190)  
}
```

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, 162, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 162, 190) }
```

Border

The CSS property to change the border of an element to XYZ 55.4933, 46.7142, 54.8071 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, 162, 190) }
```


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

```
.border{ border-color:rgb(232, 162, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 162, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 162, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 162, 190);  
box-shadow:4px 4px 4px 4px rgb(232, 162,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4933, 46.7142, 54.8071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 162, 190) }
```

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

```
.background{ background-color: rgb(232,  
162, 190) }
```

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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