

Converting Colors

XYZ(54.6539, 44.9225, 58.0149)

Have a look what the booklet for
XYZ(54.6539, 44.9225, 58.0149)
contains.

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Color

**XYZ(54.6539, 44.9225,
58.0149)**

Conversions

Conversions Part 1

Format	Color
Hex	E69DC4
RGB	230, 157, 196
RGB Percent	90%, 62%, 77%
CMY	0.0980, 0.3843, 0.2314
CMYK	0.00, 0.32, 0.15, 0.10
HSL	328°, 59%, 76%
HSV	328°, 32%, 90%
XYZ	54.6539, 44.9225, 58.0149
YIQ	183.2730, 30.9890, 27.6050

Conversions

Conversions Part 2

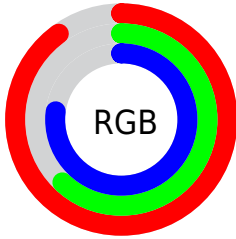
Format	Color
R _Y B	230, 157, 196
Decimal	15113668
CIE Lab	72.84, 32.85, -8.97
CIE LCh	73, 34.048, 344.732
Yxy	44.9225, 0.3468, 0.2851
Android (android.graphics.Color)	4293303748 (0xFFE69DC4)
YUV	183.2730, 6.2744, 40.9796
Hunter-Lab	67.0242, 28.2627, -4.4033

Details

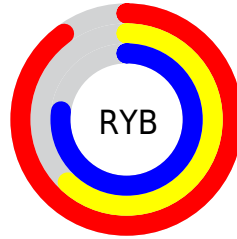
The XYZ color **54.6539, 44.9225, 58.0149** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.6073, 67.5245, 59.6069**, and the grayscale version is **45.1154, 47.4650, 51.6893**.

A 20% lighter version of the original color is **82.5131, 75.4388, 103.1407**, and **27.1676, 20.9404, 28.2012** is the 20% darker color. If you saturate the color by 10%, you get **49.9466, 37.3898, 50.6430**, and if you desaturate by 10%, it is **60.1833, 53.9590, 66.0915**.

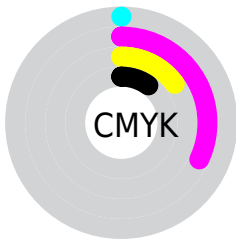
Distribution



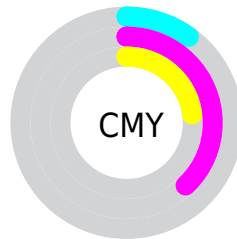
- Red (90%)
- Green (62%)
- Blue (77%)



- Red (90%)
- Yellow (62%)
- Blue (77%)



- Cyan (0%)
- Magenta (32%)
- Yellow (15%)
- Black (10%)





- Cyan (10%)
- Magenta (38%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6539, 44.9225, 58.0149 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 54.6539, 44.9225, 58.0149 by changing the saturation by 10% instead.


 54.6539, 44.9225,
58.0149


 54.6539, 44.9225,
58.0149


394.7564,
366.4596, 434.8413

 39.3574, 31.3964,
41.4058


 96.1850, 82.6041,
103.4595

 27.2199, 20.9009,
28.3143


 123.1503,
107.5284, 133.1322

 17.8759, 13.0516,
18.3216


154.7359,
137.0208, 167.9965

 10.9601, 7.4641,
11.0093

191.3072,
171.4659, 208.4710

 6.1071, 3.7540,
5.9588

233.2296,
211.2479, 254.9741

 2.9516, 1.5369,
2.7517

280.8683,

 1.1282, 0.3145,

256.7512, 307.9246

0.9693

334.5888,
308.3603, 367.7407

■ 0.0485, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6539, 44.9225,
58.0149

■ 54.6539, 44.9225,
58.0149

■ 49.9466, 37.3898,
50.6430

■ 60.1833, 53.9590,
66.0915

■ 46.0146, 31.2717,
43.9497

■ 66.5707, 64.5698,
74.8918

■ 42.8119, 26.4788,
37.9111

■ 73.8544, 76.8283,
84.4375

■ 40.2860, 22.9092,
32.5002

■ 82.0692, 90.8015,
94.7485

■ 38.3768, 20.4455,
27.6869

■ 85.5807, 95.2180,
103.9544

■ 37.0122, 18.9474,
23.4370

■ 86.4433, 95.5631,
108.4972

■ 36.2004, 18.2499,
20.3111

Harmonies

Analogous

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



51.2250, 44.9225, 75.9363



54.6539, 44.9225, 58.0149



54.6864, 44.9225, 41.0785

Triad

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



54.6539, 44.9225, 58.0149



39.8663, 44.9225, 23.6633



35.1069, 44.9225, 75.6472

Complementary

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



54.6539, 44.9225, 58.0149



51.6073, 67.5245, 59.6069

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.



32.6028, 44.9225, 57.6851



54.6539, 44.9225, 58.0149



35.1731, 44.9225, 29.2078

Square

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



54.6539, 44.9225, 58.0149



45.7674, 44.9225, 23.7120



32.6259, 44.9225, 40.8166



39.7680, 44.9225, 87.6088

Rectangle

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



54.6539, 44.9225, 58.0149



52.7579, 44.9225, 32.5837



32.6259, 44.9225, 40.8166



34.0049, 44.9225, 69.9491

Sweetspot

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



54.6552, 44.9246, 58.0158



85.5940, 84.0542, 96.6039



47.5396, 40.7574, 80.2248



18.0562, 17.5482, 20.3239



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.



54.6552, 44.9246, 58.0158



65.1001, 50.3943, 67.1811



51.0940, 43.5001, 39.2626



14.6972, 14.4961, 16.6060



20.5569, 10.3570, 11.8276



1.5659, 0.7841, 1.1207

Inverse Universe

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



54.6552, 44.9246, 58.0158



65.1001, 50.3943, 67.1811



55.9784, 69.2730, 82.6249



14.6972, 14.4961, 16.6060



20.5569, 10.3570, 11.8276



1.5659, 0.7841, 1.1207

Previews

White Background



This preview shows how the XYZ color 54.6539, 44.9225, 58.0149 looks on a white background.

Color Contrast Check

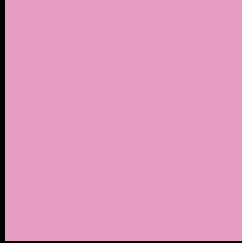
Large Text (above 18pt) WCAG AA × Fail

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 54.6539, 44.9225, 58.0149 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 54.6539, 44.9225, 58.0149

Background



This preview shows how black text looks on a background with the XYZ color 54.6539, 44.9225, 58.0149.



This preview shows how white text looks on a background with the XYZ color 54.6539, 44.9225,

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

54.6539, 44.9225, 58.0149

Protanopia

44.6626, 45.3285, 66.7169

Deuteranopia

45.9969, 45.0695, 56.7271



Tritanopia

51.9662, 44.8378, 45.4508

Trichromacy



Original Color

54.6539, 44.9225, 58.0149



Protanomaly

47.5219, 44.5784, 63.2266



Deuteranomaly

48.9171, 44.8794, 57.1233



Tritanomaly

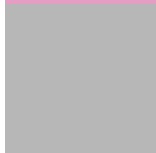
52.9062, 44.9718, 49.6080

Monochromacy



Original Color

54.6539, 44.9225, 58.0149



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

48.0326, 46.1823, 53.9594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6539, 44.9225, 58.0149 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(230, 157, 196)` looks like.

```
.text, #text, p{  
    color:rgb(230, 157, 196)  
}
```

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(230, 157, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 157, 196) }
```

Border

The CSS property to change the border of an element to XYZ 54.6539, 44.9225, 58.0149 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(230, 157, 196) }
```


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

```
.border{ border-color:rgb(230, 157, 196) }
```

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

Here you see how a box with a 4 pixel rgb(230, 157, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 157, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 157, 196);  
box-shadow:4px 4px 4px 4px rgb(230, 157,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6539, 44.9225, 58.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 157, 196) }
```

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

```
.background{ background-color: rgb(230,  
157, 196) }
```

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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