

Converting Colors

XYZ(50.8946, 41.6772, 44.3697)

Have a look what the booklet for
XYZ(50.8946, 41.6772, 44.3697)
contains.

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Color

**XYZ(50.6658, 41.4493,
44.3599)**

Conversions

Conversions Part 1

Format	Color
Hex	E596AC
RGB	229, 150, 172
RGB Percent	90%, 59%, 67%
CMY	0.1020, 0.4117, 0.3255
CMYK	0.00, 0.34, 0.25, 0.10
HSL	343°, 60%, 74%
HSV	343°, 34%, 90%
XYZ	50.6658, 41.4493, 44.3599
YIQ	176.1290, 40.0220, 23.5900

Conversions

Conversions Part 2

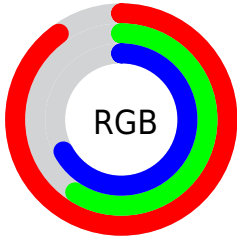
Format	Color
R _Y B	229, 150, 172
Decimal	15046316
CIE Lab	70.49, 32.61, 0.85
CIE LCh	70, 32.622, 1.501
Yxy	41.4493, 0.3712, 0.3037
Android (android.graphics.Color)	4293236396 (0xFFE596AC)
YUV	176.1290, -2.0356, 46.3679
Hunter-Lab	64.3811, 27.8066, 4.2148

Details

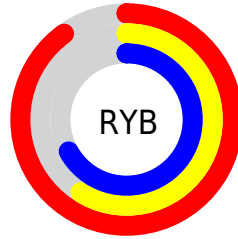
The XYZ color **50.6658, 41.4493, 44.3599** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.8613, 67.0285, 69.2392**, and the grayscale version is **41.3308, 43.4832, 47.3533**.

A 20% lighter version of the original color is **76.9364, 70.4687, 82.2199**, and **24.7711, 18.8621, 20.1045** is the 20% darker color. If you saturate the color by 10%, you get **45.8728, 34.2468, 35.4135**, and if you desaturate by 10%, it is **56.3725, 50.1627, 54.5854**.

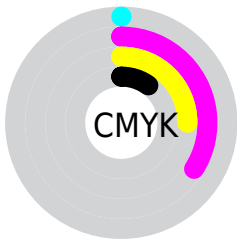
Distribution



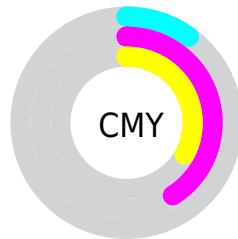
- Red (90%)
- Green (59%)
- Blue (67%)



- Red (90%)
- Yellow (59%)
- Blue (67%)



- Cyan (0%)
- Magenta (34%)
- Yellow (25%)
- Black (10%)





- Cyan (10%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6658, 41.4493, 44.3599 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 50.6658, 41.4493, 44.3599 by changing the saturation by 10% instead.


 50.6658, 41.4493,
44.3599


 50.6658, 41.4493,
44.3599


379.6730,
352.1950, 380.2592

 36.1627, 28.6703,
30.6143


 90.3465, 77.3655,
83.0673

 24.7305, 18.8316,
20.0493

 116.2548,
101.2715, 108.8661

 16.0041, 11.5486,
12.2465


146.6955,
129.6553, 139.5198

 9.6179, 6.4371,
6.7872

182.0340,
162.9012, 175.4468

 5.2067, 3.1127,
3.2529

222.6357,
201.3938, 217.0657

 2.4050, 1.1908,
1.2252

268.8658,

 0.8476, 0.0542,

245.5174, 264.7950

0.0000

321.0898,
295.6563, 319.0533

0.0000, 0.0000,
0.0000

50.6658, 41.4493,
44.3599

50.6658, 41.4493,
44.3599

45.8728, 34.2468,
35.4135

56.3725, 50.1627,
54.5854

41.9410, 28.4629,
27.6917

63.0347, 60.4606,
66.1362

38.8179, 24.0043,
21.1397

70.6956, 72.4189,
79.0593

36.4434, 20.7639,
15.6971

79.3949, 86.1068,
93.3987

34.7484, 18.6178,
11.2977

86.0620, 95.3736,
108.1602

■ 33.6500, 17.4151,
7.8667

■ 86.1231, 95.3980,
108.4822

■ 33.2318, 17.0255,
6.3499

Harmonies

Analogous

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



49.2022, 41.4493, 60.7906



50.6658, 41.4493, 44.3599



48.8888, 41.4493, 31.3564

Triad

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



50.6658, 41.4493, 44.3599



34.2357, 41.4493, 24.2945



34.6647, 41.4493, 76.4868

Complementary

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



50.6658, 41.4493, 44.3599



51.8613, 67.0285, 69.2392

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.



31.2197, 41.4493, 62.4442



50.6658, 41.4493, 44.3599



30.9883, 41.4493, 32.4223

Square

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



50.6658, 41.4493, 44.3599



39.1261, 41.4493, 21.5252



29.9356, 41.4493, 45.9115



39.6678, 41.4493, 81.6879

Rectangle

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



50.6658, 41.4493, 44.3599



46.1915, 41.4493, 25.6928



29.9356, 41.4493, 45.9115



33.3026, 41.4493, 72.5072

Sweetspot

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



50.6670, 41.4513, 44.3607



84.6256, 83.6668, 91.5039



50.6758, 40.6823, 79.3104



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.



50.6670, 41.4513, 44.3607



60.4118, 46.4940, 48.7360



51.6596, 46.5422, 35.1175



14.5411, 14.4336, 15.7838



19.0443, 9.7520, 3.8625



1.4459, 0.7361, 0.4885

Inverse Universe

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



50.6670, 41.4513, 44.3607



60.4118, 46.4940, 48.7360



50.2364, 59.1711, 82.9023



14.5411, 14.4336, 15.7838



19.0443, 9.7520, 3.8625



1.4459, 0.7361, 0.4885

Previews

White Background



This preview shows how the XYZ color 50.6658, 41.4493, 44.3599 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 50.6658, 41.4493, 44.3599 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 50.6658, 41.4493, 44.3599

Background



This preview shows how black text looks on a background with the XYZ color 50.6658, 41.4493, 44.3599.



This preview shows how white text looks on a background with the XYZ color 50.6658, 41.4493,

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

50.6658, 41.4493, 44.3599

Protanopia

40.5227, 41.7785, 51.8272

Deuteranopia

42.4660, 41.5784, 43.3233



Tritanopia

49.8340, 41.5948, 40.0524

Trichromacy



Original Color

50.6658, 41.4493, 44.3599

Protanomaly

43.5060, 41.1837, 48.8362

Deuteranomaly

45.1774, 41.3712, 43.6345

Tritanomaly

49.9445, 41.3804, 41.4312

Monochromacy



Original Color

50.6658, 41.4493, 44.3599

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

44.0623, 42.3347, 46.4065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6658, 41.4493, 44.3599 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(229, 150, 172)` looks like.

```
.text, #text, p{  
    color:rgb(229, 150, 172)  
}
```

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(229, 150, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 150, 172) }
```

Border

The CSS property to change the border of an element to XYZ 50.6658, 41.4493, 44.3599 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(229, 150, 172) }
```


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

```
.border{ border-color:rgb(229, 150, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 150, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 150, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 150, 172); box-shadow:4px 4px 4px 4px rgb(229, 150, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6658, 41.4493, 44.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 150, 172) }
```

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

```
.background{ background-color: rgb(229,  
150, 172) }
```

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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