

Converting Colors

XYZ(47.8354, 43.2917, 55.7638)

Have a look what the booklet for
XYZ(47.8354, 43.2917, 55.7638)
contains.

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Color

**XYZ(47.6917, 43.1941,
55.6928)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA4C0
RGB	204, 164, 192
RGB Percent	80%, 64%, 75%
CMY	0.2000, 0.3568, 0.2471
CMYK	0.00, 0.20, 0.06, 0.20
HSL	318°, 28%, 72%
HSV	318°, 20%, 80%
XYZ	47.6917, 43.1941, 55.6928
YIQ	179.1520, 14.8520, 17.1880

Conversions

Conversions Part 2

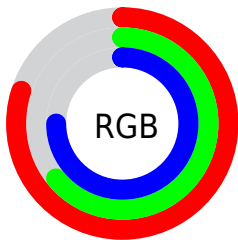
Format	Color
R_{YB}	204, 164, 192
Decimal	13411520
CIE Lab	71.69, 19.36, -8.76
CIE LCh	72, 21.250, 335.644
Yxy	43.1941, 0.3254, 0.2947
Android (android.graphics.Color)	4291601600 (0xFFCCA4C0)
YUV	179.1520, 6.3341, 21.7917
Hunter-Lab	65.7222, 14.5157, -4.2366

Details

The XYZ color **47.6917, 43.1941, 55.6928** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.7409, 54.2140, 49.1831**, and the grayscale version is **42.8916, 45.1253, 49.1414**.

A 20% lighter version of the original color is **83.5148, 78.7003, 99.5959**, and **22.8488, 19.8420, 27.0517** is the 20% darker color. If you saturate the color by 10%, you get **43.6658, 36.2046, 51.0745**, and if you desaturate by 10%, it is **52.3339, 51.3698, 60.6567**.

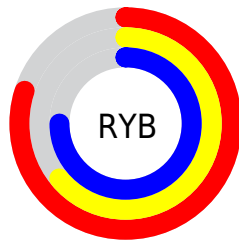
Distribution



Red (80%)

Green (64%)

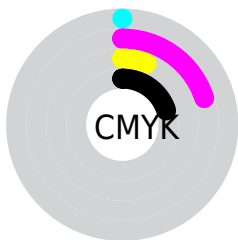
Blue (75%)



Red (80%)

Yellow (64%)

Blue (75%)

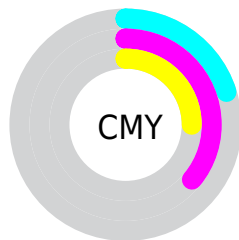


Cyan (0%)

Magenta (20%)

Yellow (6%)

Black (20%)



Cyan (20%)


Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6917, 43.1941, 55.6928 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 47.6917, 43.1941, 55.6928 by changing the saturation by 10% instead.


 47.6917, 43.1941,
55.6928


 47.6917, 43.1941,
55.6928


368.1718,
359.4094, 425.8885

 33.7930, 30.0374,
39.5543


 85.9577, 80.0037,
100.0366

 22.8968, 19.8670,
26.8801


 111.0557,
104.4254, 129.0790

 14.6376, 12.2984,
17.2515


140.6176,
133.3709, 163.2598

 8.6501, 6.9472,
10.2502

175.0086,
167.2246, 202.9975

 4.5689, 3.4291,
5.4574

214.5942,
206.3709, 248.7107

 2.0288, 1.3597,
2.4546

259.7397,

 0.6500, 0.1867,

251.1942, 300.8179

0.8160

310.8104,
302.0789, 359.7376

■ 0.0000, 0.0000,
0.0000

■ 47.6917, 43.1941,
55.6928

■ 47.6917, 43.1941,
55.6928

■ 43.6658, 36.2046,
51.0745

■ 52.3339, 51.3698,
60.6567

■ 40.2242, 30.3398,
46.7879

■ 57.6150, 60.7782,
65.9739

■ 37.3378, 25.5411,
42.8222

■ 63.5609, 71.4702,
71.6551

■ 34.9731, 21.7425,
39.1645

■ 70.1952, 83.4921,
77.7098

■ 33.0931, 18.8705,
35.8007

■ 73.9280, 89.6639,
82.9429

■ 31.6558, 16.8414,
32.7149

■ 74.7665, 89.9993,
87.3583

■ 30.6114, 15.5563,
29.8887

■ 75.6351, 90.3467,
91.9323

■ 29.8715, 14.8392,
27.2908

■ 76.5342, 90.7063,
96.6666

■ 29.8445, 14.8145,
27.1917

■ 77.4639, 91.0782,
101.5627

Harmonies

Analogous

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



45.2237, 43.1941, 65.0582



47.6917, 43.1941, 55.6928



48.3385, 43.1941, 45.1073

Triad

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



47.6917, 43.1941, 55.6928



40.3774, 43.1941, 29.9273



35.6806, 43.1941, 59.5605

Complementary

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



47.6917, 43.1941, 55.6928



44.7409, 54.2140, 49.1831

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.



34.5420, 43.1941, 49.0087



47.6917, 43.1941, 55.6928



37.1501, 43.1941, 32.6856

Square

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



47.6917, 43.1941, 55.6928



43.9771, 43.1941, 31.1790



35.0639, 43.1941, 39.3174



38.2647, 43.1941, 67.5099

Rectangle

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



47.6917, 43.1941, 55.6928



47.6190, 43.1941, 38.9597



35.0639, 43.1941, 39.3174



35.1232, 43.1941, 56.1466

Sweetspot

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



47.6930, 43.1960, 55.6937



89.6315, 90.3315, 103.4912



42.0809, 40.1429, 62.6578



19.0637, 19.1194, 22.0282



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.



47.6930, 43.1960, 55.6937



75.7206, 65.8479, 88.5630



45.6252, 42.3689, 44.8051



11.5386, 11.3442, 13.3708



18.8271, 9.3414, 17.3400



1.0038, 0.4949, 1.0659

Inverse Universe

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



47.6930, 43.1960, 55.6937



75.7206, 65.8479, 88.5630



46.8679, 55.0648, 60.3839



11.5386, 11.3442, 13.3708



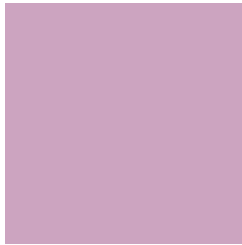
18.8271, 9.3414, 17.3400



1.0038, 0.4949, 1.0659

Previews

White Background



This preview shows how the XYZ color 47.6917, 43.1941, 55.6928 looks on a white background.

Color Contrast Check

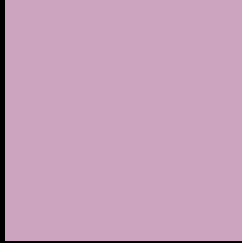
Large Text (above 18pt) WCAG AA × Fail

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 47.6917, 43.1941, 55.6928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

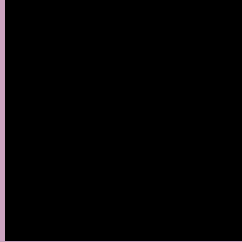
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6917, 43.1941, 55.6928

Background



This preview shows how black text looks on a background with the XYZ color 47.6917, 43.1941, 55.6928.



This preview shows how white text looks on a background with the XYZ color 47.6917, 43.1941,

55.6928.

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

47.6917, 43.1941, 55.6928

Protanopia

42.6520, 43.5541, 60.1916

Deuteranopia

44.2166, 43.3265, 55.3226



Tritanopia

46.1300, 43.0837, 48.5325

Trichromacy



Original Color

47.6917, 43.1941, 55.6928

Protanomaly

44.2939, 43.3017, 58.2481

Deuteranomaly

45.3989, 43.1043, 55.2174

Tritanomaly

46.7355, 43.0675, 51.1970

Monochromacy



Original Color

47.6917, 43.1941, 55.6928

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.5268, 44.4242, 51.5753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6917, 43.1941, 55.6928 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(204, 164, 192) looks like.

```
.text, #text, p{  
    color:rgb(204, 164, 192)  
}
```

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(204, 164, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 164, 192) }
```

Border

The CSS property to change the border of an element to XYZ 47.6917, 43.1941, 55.6928 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(204, 164, 192) }
```


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

```
.border{ border-color:rgb(204, 164, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 164, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 164, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 164, 192);  
box-shadow:4px 4px 4px 4px rgb(204, 164,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6917, 43.1941, 55.6928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 164, 192) }
```

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

```
.background{ background-color: rgb(204,  
164, 192) }
```

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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