

Converting Colors

XYZ(47.8002, 45.4224, 53.6642)

Have a look what the booklet for
XYZ(47.8002, 45.4224, 53.6642)
contains.

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Color

**XYZ(47.9170, 45.5534,
53.8441)**

Conversions

Conversions Part 1

Format	Color
Hex	C9ACBC
RGB	201, 172, 188
RGB Percent	79%, 67%, 74%
CMY	0.2118, 0.3255, 0.2627
CMYK	0.00, 0.14, 0.06, 0.21
HSL	327°, 21%, 73%
HSV	327°, 14%, 79%
XYZ	47.9170, 45.5534, 53.8441
YIQ	182.4950, 12.1480, 11.1240

Conversions

Conversions Part 2

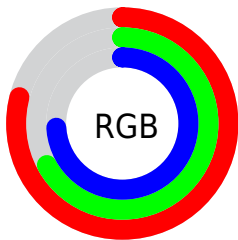
Format	Color
R _Y B	201, 172, 188
Decimal	13216956
CIE Lab	73.25, 13.22, -4.27
CIE LCh	73, 13.896, 342.105
Yxy	45.5534, 0.3253, 0.3092
Android (android.graphics.Color)	4291407036 (0xFFC9ACBC)
YUV	182.4950, 2.7140, 16.2289
Hunter-Lab	67.4933, 8.6133, -0.0545

Details

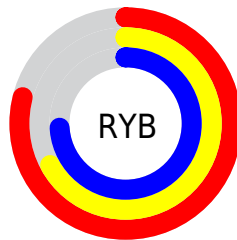
The XYZ color **47.9170, 45.5534, 53.8441** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.6586, 54.0479, 53.8747**, and the grayscale version is **44.7154, 47.0441, 51.2311**.

A 20% lighter version of the original color is **85.0382, 82.7298, 97.0744**, and **23.1223, 21.3853, 25.8308** is the 20% darker color. If you saturate the color by 10%, you get **43.4361, 38.0974, 47.7065**, and if you desaturate by 10%, it is **53.0398, 54.1948, 60.4960**.

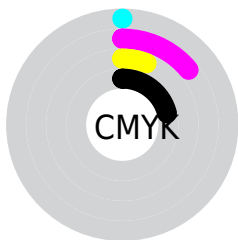
Distribution



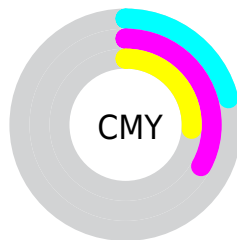
- Red (79%)
- Green (67%)
- Blue (74%)



- Red (79%)
- Yellow (67%)
- Blue (74%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (21%)



- Cyan (21%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9170, 45.5534, 53.8441 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 47.9170, 45.5534, 53.8441 by changing the saturation by 10% instead.

■ 47.9170, 45.5534,
53.8441

■ 47.9170, 45.5534,
53.8441

369.0511,
369.0102, 418.6730

■ 33.9721, 31.8935,
38.0847

■ 86.2913, 83.5502,
97.2994

■ 23.0350, 21.2802,
25.7461

111.4514,
108.6560, 125.8324

■ 14.7402, 13.3290,
16.4097

141.0806,
138.3458, 159.4603

■ 8.7224, 7.6555,
9.6571

175.5443,
173.0042, 198.6017

■ 4.6162, 3.8753,
5.0696

215.2079,
213.0154, 243.6752

■ 2.0563, 1.6040,
2.2287

260.4366,

■ 0.6653, 0.3603,

258.7639, 295.0992

0.6908

311.5959,
310.6340, 353.2923

■ 0.0000, 0.0000,
0.0000

■ 47.9170, 45.5534,
53.8441

■ 47.9170, 45.5534,
53.8441

■ 43.4361, 38.0974,
47.7065

■ 53.0398, 54.1948,
60.4960

■ 39.5661, 31.7687,
42.0660

■ 58.8259, 64.0646,
67.6731

■ 36.2794, 26.5129,
36.9081

■ 65.3005, 75.2109,
75.3894

■ 33.5444, 22.2691,
32.2169

■ 72.4864, 87.6776,
83.6575

■ 31.3268, 18.9700,
27.9747

■ 74.5640, 89.8242,
90.5425

■ 29.5876, 16.5401,
24.1626

■ 75.8852, 90.3527,
97.4998

■ 28.2822, 14.8922,
20.7593

■ 77.2731, 90.9078,
104.8085

■ 27.3568, 13.9205,
17.7404

■ 77.8977, 91.1576,
108.0973

■ 26.9506, 13.5628,
16.2035

Harmonies

Analogous

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



46.5196, 45.5534, 60.2513



47.9170, 45.5534, 53.8441



48.0483, 45.5534, 46.8352

Triad

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



47.9170, 45.5534, 53.8441



42.3207, 45.5534, 37.5881



39.9088, 45.5534, 59.1654

Complementary

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



47.9170, 45.5534, 53.8441



46.6586, 54.0479, 53.8747

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.



38.8700, 45.5534, 52.4713



47.9170, 45.5534, 53.8441



40.2270, 45.5534, 40.2842

Square

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



47.9170, 45.5534, 53.8441



44.7548, 45.5534, 37.8808



38.9842, 45.5534, 45.5848



41.8715, 45.5534, 63.5165

Rectangle

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



47.9170, 45.5534, 53.8441



47.3941, 45.5534, 42.7960



38.9842, 45.5534, 45.5848



39.4434, 45.5534, 57.0893

Sweetspot

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



47.9183, 45.5554, 53.8451



91.1543, 93.3728, 104.0124



45.2001, 43.9848, 61.3666



19.3585, 19.7272, 22.0697



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.



47.9183, 45.5554, 53.8451



79.7732, 74.2030, 89.1439



46.4750, 44.9781, 46.2448



10.8746, 10.7332, 12.3230



16.9921, 8.5464, 10.4341



0.8407, 0.4191, 0.6842

Inverse Universe

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



47.9183, 45.5554, 53.8451



79.7732, 74.2030, 89.1439



48.2179, 54.6716, 62.0855



10.8746, 10.7332, 12.3230



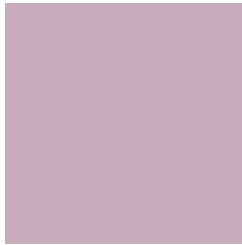
16.9921, 8.5464, 10.4341



0.8407, 0.4191, 0.6842

Previews

White Background



This preview shows how the XYZ color 47.9170, 45.5534, 53.8441 looks on a white background.

Color Contrast Check

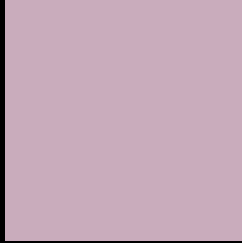
Large Text (above 18pt) WCAG AA × Fail

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 47.9170, 45.5534, 53.8441 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 47.9170, 45.5534, 53.8441

Background



This preview shows how black text looks on a background with the XYZ color 47.9170, 45.5534, 53.8441.



This preview shows how white text looks on a background with the XYZ color 47.9170, 45.5534,

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

47.9170, 45.5534, 53.8441

Protanopia

44.4569, 45.7493, 56.3565

Deuteranopia

46.5477, 45.7171, 53.3847



Tritanopia

47.7028, 45.4677, 52.7163

Trichromacy



Original Color

47.9170, 45.5534, 53.8441

Protanomaly

45.6683, 45.5036, 55.6663

Deuteranomaly

47.1317, 45.7303, 53.3564

Tritanomaly

47.8096, 45.5104, 53.2783

Monochromacy



Original Color

47.9170, 45.5534, 53.8441

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.5584, 46.1203, 51.8483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9170, 45.5534, 53.8441 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(201, 172, 188)` looks like.

```
.text, #text, p{  
    color:rgb(201, 172, 188)  
}
```

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(201, 172, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 172, 188) }
```

Border

The CSS property to change the border of an element to XYZ 47.9170, 45.5534, 53.8441 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(201, 172, 188) }
```


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

```
.border{ border-color:rgb(201, 172, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 172, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 172, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 172, 188);  
box-shadow:4px 4px 4px 4px rgb(201, 172,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9170, 45.5534, 53.8441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 172, 188) }
```

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

```
.background{ background-color: rgb(201,  
172, 188) }
```

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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