

Converting Colors

XYZ(47.1153, 45.9089, 44.9061)

Have a look what the booklet for
XYZ(47.1153, 45.9089, 44.9061)
contains.

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Color

**XYZ(47.1153, 45.9089,
44.9061)**

Conversions

Conversions Part 1

Format	Color
Hex	CBAEAB
RGB	203, 174, 171
RGB Percent	80%, 68%, 67%
CMY	0.2039, 0.3176, 0.3294
CMYK	0.00, 0.14, 0.16, 0.20
HSL	6°, 24%, 73%
HSV	6°, 16%, 80%
XYZ	47.1153, 45.9089, 44.9061
YIQ	182.3290, 18.2470, 5.2150

Conversions

Conversions Part 2

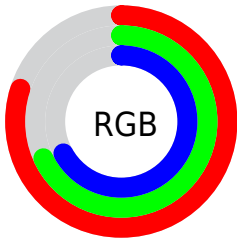
Format	Color
R _Y B	203, 174, 171
Decimal	13348523
CIE Lab	73.49, 9.99, 5.42
CIE LCh	73, 11.366, 28.452
Yxy	45.9089, 0.3416, 0.3328
Android (android.graphics.Color)	4291538603 (0xFFCBAEAB)
YUV	182.3290, -5.5852, 18.1285
Hunter-Lab	67.7561, 5.5497, 8.1342

Details

The XYZ color **47.1153, 45.9089, 44.9061** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.2279, 54.2769, 64.4348**, and the grayscale version is **44.6663, 46.9924, 51.1748**.

A 20% lighter version of the original color is **83.2643, 83.3446, 83.6501**, and **22.6837, 21.6405, 20.4342** is the 20% darker color. If you saturate the color by 10%, you get **42.0136, 38.5677, 34.3810**, and if you desaturate by 10%, it is **53.0034, 54.3464, 57.1605**.

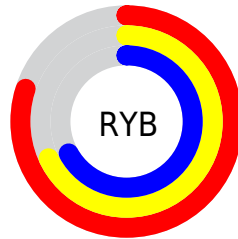
Distribution



Red (80%)

Green (68%)

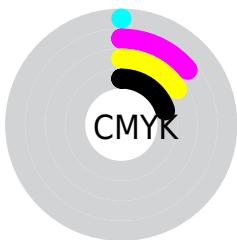
Blue (67%)



Red (80%)

Yellow (68%)

Blue (67%)

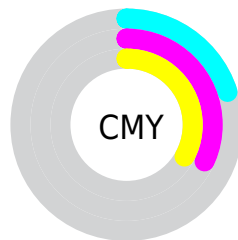


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (20%)



Cyan (20%)


Magenta (32%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1153, 45.9089, 44.9061 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 47.1153, 45.9089, 44.9061 by changing the saturation by 10% instead.


 47.1153, 45.9089,
44.9061

 47.1153, 45.9089,
44.9061


365.9158,
370.4423, 382.5422

 33.3351, 32.1739,
31.0411


 85.1034, 84.0826,
83.8964

 22.5438, 21.4944,
20.3714

110.0420,
109.2902, 109.8588

 14.3758, 13.4859,
12.4785


139.4309,
139.0908, 140.6907

 8.4660, 7.7640,
6.9440

173.6353,
173.8687, 176.8107

 4.4488, 3.9443,
3.3492

213.0207,
214.0085, 218.6373

 1.9591, 1.6424,
1.2756

257.9523,

 0.6108, 0.3860,

259.8944, 266.5891

0.0416

308.7956,
311.9108, 321.0845

■ 0.0000, 0.0000,
0.0000

■ 47.1153, 45.9089,
44.9061

■ 47.1153, 45.9089,
44.9061

■ 42.0136, 38.5677,
34.3810

■ 53.0034, 54.3464,
57.1605

■ 37.6614, 32.2719,
25.5047

■ 59.7052, 63.9161,
71.2142

■ 34.0243, 26.9758,
18.1943

■ 67.2517, 74.6601,
87.1368

■ 31.0640, 22.6279,
12.3589

■ 75.6706, 86.6162,
104.9932

■ 28.7383, 19.1721,
7.8980

■ 78.4387, 91.4366,
108.1226

■ 27.0004, 16.5462,
4.6987

■ 25.7970, 14.6803,
2.6299

■ 25.0643, 13.4924,
1.5302

■ 24.8626, 13.1642,
1.2305

Harmonies

Analogous

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



47.6059, 45.9089, 50.2860



47.1153, 45.9089, 44.9061



45.6846, 45.9089, 41.1507

Triad

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



47.1153, 45.9089, 44.9061



40.4295, 45.9089, 44.4266



43.5309, 45.9089, 61.8640

Complementary

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



47.1153, 45.9089, 44.9061



48.2279, 54.2769, 64.4348

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.



41.6477, 45.9089, 60.0055



47.1153, 45.9089, 44.9061



39.8913, 45.9089, 49.6892

Square

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



47.1153, 45.9089, 44.9061



41.8229, 45.9089, 40.8892



40.3305, 45.9089, 55.4374



45.4988, 45.9089, 60.3431

Rectangle

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



47.1153, 45.9089, 44.9061



44.4118, 45.9089, 39.9253



40.3305, 45.9089, 55.4374



42.8674, 45.9089, 61.6113

Sweetspot

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



47.1166, 45.9110, 44.9071



89.4891, 92.0548, 97.2532



49.6563, 46.0086, 61.1118



18.9931, 19.4729, 20.4792



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.



47.1166, 45.9110, 44.9071



75.7662, 72.3803, 68.7209



50.3210, 52.3199, 45.9752



11.2956, 11.3802, 11.6807



15.8524, 8.4377, 0.7931



0.8476, 0.4948, 0.0508

Inverse Universe

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



48.2279, 54.2769, 64.4348



77.9828, 89.0730, 107.6904



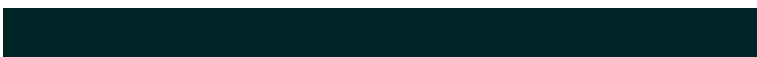
44.7844, 47.3899, 63.2870



11.4498, 12.5399, 14.3874



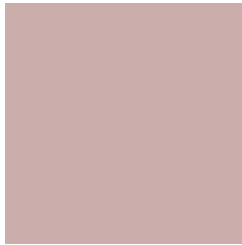
17.7968, 24.6176, 39.7699



0.9450, 1.3237, 2.0606

Previews

White Background



This preview shows how the XYZ color 47.1153, 45.9089, 44.9061 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 47.1153, 45.9089, 44.9061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

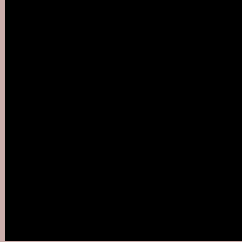
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1153, 45.9089, 44.9061

Background



This preview shows how black text looks on a background with the XYZ color 47.1153, 45.9089, 44.9061.



This preview shows how white text looks on a background with the XYZ color 47.1153, 45.9089,

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

47.1153, 45.9089, 44.9061

Protanopia

43.9688, 46.0128, 46.6084

Deuteranopia

46.8439, 45.7689, 44.8934



Tritanopia

48.6863, 45.9870, 52.2093

Trichromacy



Original Color

47.1153, 45.9089, 44.9061

Protanomaly

45.2014, 46.0644, 46.0441

Deuteranomaly

46.8439, 45.7689, 44.8934

Tritanomaly

48.0836, 46.0198, 49.5284

Monochromacy



Original Color

47.1153, 45.9089, 44.9061

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.3912, 46.4017, 48.6835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1153, 45.9089, 44.9061 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(203, 174, 171)` looks like.

```
.text, #text, p{  
    color:rgb(203, 174, 171)  
}
```

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(203, 174, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 174, 171) }
```

Border

The CSS property to change the border of an element to XYZ 47.1153, 45.9089, 44.9061 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(203, 174, 171) }
```


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

```
.border{ border-color:rgb(203, 174, 171) }
```

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

Here you see how a box with a 4 pixel rgb(203, 174, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 174, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 174, 171);  
box-shadow:4px 4px 4px 4px rgb(203, 174,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1153, 45.9089, 44.9061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 174, 171) }
```

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

```
.background{ background-color: rgb(203,  
174, 171) }
```

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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