

Converting Colors

XYZ(47.7336, 44.3054, 56.1457)

Have a look what the booklet for
XYZ(47.7336, 44.3054, 56.1457)
contains.

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Color

**XYZ(47.6045, 44.2285,
55.8971)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A8C0
RGB	201, 168, 192
RGB Percent	79%, 66%, 75%
CMY	0.2118, 0.3412, 0.2471
CMYK	0.00, 0.16, 0.04, 0.21
HSL	316°, 23%, 72%
HSV	316°, 16%, 79%
XYZ	47.6045, 44.2285, 55.8971
YIQ	180.6030, 11.9640, 14.4600

Conversions

Conversions Part 2

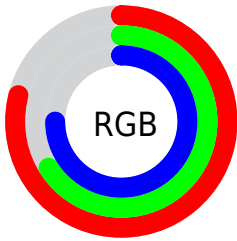
Format	Color
R _Y B	201, 168, 192
Decimal	13215936
CIE Lab	72.38, 16.12, -7.76
CIE LCh	72, 17.894, 334.295
Yxy	44.2285, 0.3222, 0.2994
Android (android.graphics.Color)	4291406016 (0xFFC9A8C0)
YUV	180.6030, 5.6187, 17.8882
Hunter-Lab	66.5045, 11.3889, -3.2801

Details

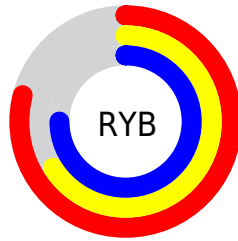
The XYZ color **47.6045, 44.2285, 55.8971** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9727, 53.2738, 49.5101**, and the grayscale version is **43.6739, 45.9484, 50.0378**.

A 20% lighter version of the original color is **84.5710, 80.8127, 99.9480**, and **22.9382, 20.5579, 27.1852** is the 20% darker color. If you saturate the color by 10%, you get **43.5809, 37.1348, 51.6147**, and if you desaturate by 10%, it is **52.2269, 52.4823, 60.4918**.

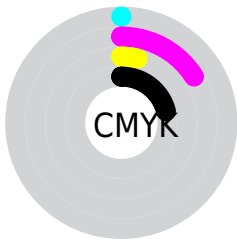
Distribution



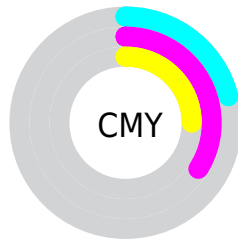
- Red (79%)
- Green (66%)
- Blue (75%)



- Red (79%)
- Yellow (66%)
- Blue (75%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (21%)





- Cyan (21%)
- Magenta (34%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6045, 44.2285, 55.8971 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 47.6045, 44.2285, 55.8971 by changing the saturation by 10% instead.


 47.6045, 44.2285,
55.8971

 47.6045, 44.2285,
55.8971


367.8310,
363.6399, 426.6810

 33.7237, 30.8502,
39.7170


 85.8285, 81.5615,
100.3384

 22.8433, 20.4848,
27.0058

 110.9025,
106.2849, 129.4367

 14.5979, 12.7479,
17.3451


140.4382,
135.5589, 163.6781

 8.6222, 7.2552,
10.3163

174.8011,
169.7677, 203.4812

 4.5507, 3.6222,
5.5008

214.3565,
209.2958, 249.2644

 2.0182, 1.4646,
2.4802

259.4697,

 0.6441, 0.2636,

254.5276, 301.4465

0.8296

310.5061,
305.8475, 360.4458

■ 0.0000, 0.0000,
0.0000

■ 47.6045, 44.2285,
55.8971

■ 47.6045, 44.2285,
55.8971

■ 43.5809, 37.1348,
51.6147

■ 52.2269, 52.4823,
60.4918

■ 40.1256, 31.1427,
47.6317

■ 57.4691, 61.9396,
65.4054

■ 37.2115, 26.1974,
43.9383

■ 63.3556, 72.6486,
70.6478

■ 34.8075, 22.2373,
40.5230

■ 69.9087, 84.6534,
76.2276

■ 32.8791, 19.1938,
37.3730

■ 72.6886, 89.0740,
80.6658

■ 31.3877, 16.9900,
34.4741

■ 73.4243, 89.3683,
84.5401

■ 30.2881, 15.5361,
31.8099

■ 74.1840, 89.6722,
88.5409

■ 29.5224, 14.7167,
29.3599

■ 74.9680, 89.9858,
92.6693

■ 29.2898, 14.4985,
28.5206

■ 75.7765, 90.3092,
96.9265

Harmonies

Analogous

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



45.4647, 44.2285, 63.5770



47.6045, 44.2285, 55.8971



48.2260, 44.2285, 46.8980

Triad

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



47.6045, 44.2285, 55.8971



41.5958, 44.2285, 33.1434



37.3314, 44.2285, 58.3628

Complementary

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



47.6045, 44.2285, 55.8971



44.9727, 53.2738, 49.5101

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.



36.4031, 44.2285, 49.4389



47.6045, 44.2285, 55.8971



38.7877, 44.2285, 35.4572

Square

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



47.6045, 44.2285, 55.8971



44.6600, 44.2285, 34.4314



36.9230, 44.2285, 41.1672



39.5204, 44.2285, 65.1181

Rectangle

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



47.6045, 44.2285, 55.8971



47.6715, 44.2285, 41.5091



36.9230, 44.2285, 41.1672



36.8665, 44.2285, 55.4800

Sweetspot

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



47.6058, 44.2304, 55.8980



90.5616, 91.9112, 104.6666



42.6330, 41.5481, 61.0318



19.2536, 19.4387, 22.2780



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.



47.6058, 44.2304, 55.8980



78.7234, 70.8019, 92.8058



45.8984, 43.5475, 46.9072



10.9549, 10.7653, 12.7457



18.4561, 9.1320, 18.1437



0.9032, 0.4441, 1.0132

Inverse Universe

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



47.6058, 44.2304, 55.8980



78.7234, 70.8019, 92.8058



46.6958, 53.9630, 58.5838



10.9549, 10.7653, 12.7457



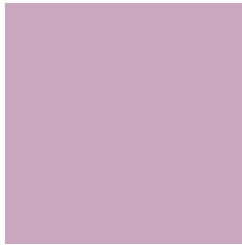
18.4561, 9.1320, 18.1437



0.9032, 0.4441, 1.0132

Previews

White Background



This preview shows how the XYZ color 47.6045, 44.2285, 55.8971 looks on a white background.

Color Contrast Check

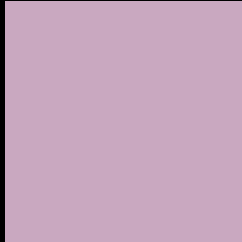
Large Text (above 18pt) WCAG AA × Fail

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 47.6045, 44.2285, 55.8971 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 47.6045, 44.2285, 55.8971

Background



This preview shows how black text looks on a background with the XYZ color 47.6045, 44.2285, 55.8971.



This preview shows how white text looks on a background with the XYZ color 47.6045, 44.2285,

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

47.6045, 44.2285, 55.8971

Protanopia

43.2826, 44.1958, 59.0727

Deuteranopia

45.3338, 44.4675, 55.4840



Tritanopia

46.7414, 44.4477, 50.9155

Trichromacy



Original Color

47.6045, 44.2285, 55.8971

Protanomaly

44.5611, 44.0176, 57.7774

Deuteranomaly

45.9592, 44.2249, 55.4042

Tritanomaly

46.8703, 44.2005, 52.5156

Monochromacy



Original Color

47.6045, 44.2285, 55.8971

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.0213, 45.2448, 52.2592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6045, 44.2285, 55.8971 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, 168, 192)` looks like.

```
.text, #text, p{  
    color:rgb(201, 168, 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(201, 168, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 168, 192) }
```

Border

The CSS property to change the border of an element to XYZ 47.6045, 44.2285, 55.8971 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, 168, 192) }
```


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

```
.border{ border-color:rgb(201, 168, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 168, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 168, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 168, 192);  
box-shadow:4px 4px 4px 4px rgb(201, 168,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6045, 44.2285, 55.8971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 168, 192) }
```

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

```
.background{ background-color: rgb(201,  
168, 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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