

Converting Colors

XYZ(47.3236, 44.8789, 57.2201)

Have a look what the booklet for
XYZ(47.3236, 44.8789, 57.2201)
contains.

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Color

**XYZ(47.3265, 44.8912,
57.2094)**

Conversions

Conversions Part 1

Format	Color
Hex	C5ABC2
RGB	197, 171, 194
RGB Percent	77%, 67%, 76%
CMY	0.2274, 0.3294, 0.2392
CMYK	0.00, 0.13, 0.02, 0.23
HSL	307°, 18%, 72%
HSV	307°, 13%, 77%
XYZ	47.3265, 44.8912, 57.2094
YIQ	181.3960, 8.1130, 12.6650

Conversions

Conversions Part 2

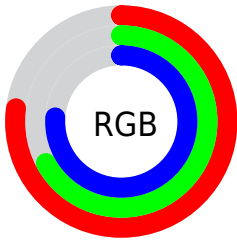
Format	Color
R _Y B	197, 171, 194
Decimal	12954562
CIE Lab	72.82, 13.46, -8.25
CIE LCh	73, 15.782, 328.493
Yxy	44.8912, 0.3167, 0.3004
Android (android.graphics.Color)	4291144642 (0xFFC5ABC2)
YUV	181.3960, 6.2138, 13.6847
Hunter-Lab	67.0009, 8.8330, -3.7247

Details

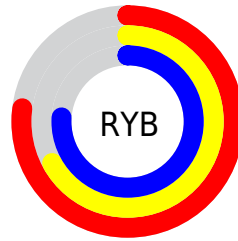
The XYZ color **47.3265, 44.8912, 57.2094** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4026, 51.6477, 47.6756**, and the grayscale version is **44.1007, 46.3974, 50.5268**.

A 20% lighter version of the original color is **85.3247, 82.3657, 101.8435**, and **22.6581, 20.9267, 27.6560** is the 20% darker color. If you saturate the color by 10%, you get **43.6262, 37.8956, 54.7262**, and if you desaturate by 10%, it is **51.5879, 53.0015, 59.9000**.

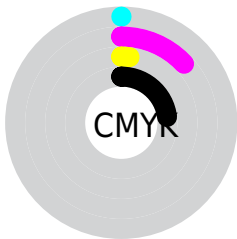
Distribution



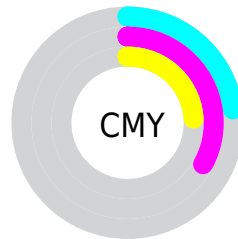
- Red (77%)
- Green (67%)
- Blue (76%)



- Red (77%)
- Yellow (67%)
- Blue (76%)



- Cyan (0%)
- Magenta (13%)
- Yellow (2%)
- Black (23%)



- Cyan (23%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3265, 44.8912, 57.2094 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 47.3265, 44.8912, 57.2094 by changing the saturation by 10% instead.

■ 47.3265, 44.8912,
57.2094

■ 47.3265, 44.8912,
57.2094

366.7435,
366.3327, 431.7492

■ 33.5029, 31.3717,
40.7629

■ 85.4166, 82.5571,
102.2740

■ 22.6730, 20.8821,
27.8156

110.4137,
107.4724, 131.7292

■ 14.4716, 13.0378,
17.9488

139.8661,
136.9550, 166.3578

■ 8.5333, 7.4546,
10.7442

174.1390,
171.3894, 206.5782

■ 4.4927, 3.7480,
5.7831

213.5978,
211.1600, 252.8090

■ 1.9845, 1.5336,
2.6470

258.6079,

■ 0.6252, 0.3122,

256.6512, 305.4687

0.9166

309.5347,
308.2473, 364.9759

■ 0.0000, 0.0000,
0.0000

■ 47.3265, 44.8912,
57.2094

■ 47.3265, 44.8912,
57.2094

■ 43.6262, 37.8956,
54.7262

■ 51.5879, 53.0015,
59.9000

■ 40.4587, 31.9598,
52.4393

■ 56.4294, 62.2664,
62.8027

■ 37.7989, 27.0333,
50.3407

■ 61.8740, 72.7313,
65.9259

■ 35.6183, 23.0590,
48.4209

■ 67.9423, 84.4370,
69.2766

■ 33.8855, 19.9743,
46.6693

■ 69.8504, 87.8161,
71.2601

■ 32.5654, 17.7088,
45.0741

■ 70.1275, 87.9270,
72.7197

■ 31.6176, 16.1818,
43.6217

■ 70.4087, 88.0395,
74.2004

■ 30.9934, 15.2959,
42.2959

■ 70.6939, 88.1535,
75.7023

■ 30.6922, 14.9369,
41.4457

■ 70.9832, 88.2693,
77.2255

Harmonies

Analogous

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



45.2348, 44.8912, 63.3998



47.3265, 44.8912, 57.2094



48.1630, 44.8912, 49.2773

Triad

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



47.3265, 44.8912, 57.2094



42.8066, 44.8912, 35.2750



38.1962, 44.8912, 56.4484

Complementary

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



47.3265, 44.8912, 57.2094



44.4026, 51.6477, 47.6756

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.



37.6073, 44.8912, 48.4826



47.3265, 44.8912, 57.2094



40.1996, 44.8912, 36.7640

Square

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



47.3265, 44.8912, 57.2094



45.4852, 44.8912, 37.0936



38.3252, 44.8912, 41.3991



39.9691, 44.8912, 62.9283

Rectangle

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



47.3265, 44.8912, 57.2094



47.8701, 44.8912, 44.2404



38.3252, 44.8912, 41.3991



37.8566, 44.8912, 53.8307

Sweetspot

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



47.3278, 44.8932, 57.2104



91.6930, 93.5883, 106.8488



42.0095, 42.1121, 58.7384



19.4950, 19.7818, 22.7890



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.



47.3278, 44.8932, 57.2104



82.6383, 76.3749, 101.0684



45.9720, 44.3508, 50.0709



11.0284, 10.7947, 13.1326



20.2072, 9.8325, 27.3649



0.9722, 0.4717, 1.3766

Inverse Universe

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



47.3278, 44.8932, 57.2104



82.6383, 76.3749, 101.0684



45.6893, 52.1624, 54.4513



11.0284, 10.7947, 13.1326



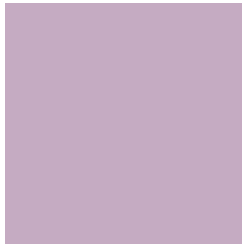
20.2072, 9.8325, 27.3649



0.9722, 0.4717, 1.3766

Previews

White Background



This preview shows how the XYZ color 47.3265, 44.8912, 57.2094 looks on a white background.

Color Contrast Check

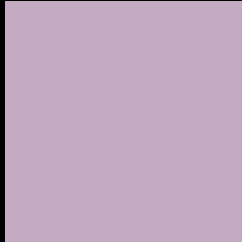
Large Text (above 18pt) WCAG AA × Fail

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 47.3265, 44.8912, 57.2094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

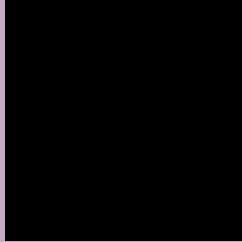
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3265, 44.8912, 57.2094

Background



This preview shows how black text looks on a background with the XYZ color 47.3265, 44.8912, 57.2094.



This preview shows how white text looks on a background with the XYZ color 47.3265, 44.8912,

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

47.3265, 44.8912, 57.2094

Protanopia

44.0179, 45.1481, 59.8205

Deuteranopia

45.7480, 44.9412, 56.7154



Tritanopia

46.3804, 44.7860, 52.6544

Trichromacy



Original Color

47.3265, 44.8912, 57.2094

Protanomaly

45.1752, 44.8815, 59.1053

Deuteranomaly

46.3074, 44.9439, 56.6864

Tritanomaly

46.7028, 44.9149, 54.3521

Monochromacy



Original Color

47.3265, 44.8912, 57.2094

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.0786, 45.5542, 52.8713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3265, 44.8912, 57.2094 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(197, 171, 194)` looks like.

```
.text, #text, p{  
    color:rgb(197, 171, 194)  
}
```

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(197, 171, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 171, 194) }
```

Border

The CSS property to change the border of an element to XYZ 47.3265, 44.8912, 57.2094 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(197, 171, 194) }
```


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

```
.border{ border-color:rgb(197, 171, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 171, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 171, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 171, 194);  
box-shadow:4px 4px 4px 4px rgb(197, 171,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3265, 44.8912, 57.2094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 171, 194) }
```

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

```
.background{ background-color: rgb(197,  
171, 194) }
```

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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