

Converting Colors

XYZ(53.0311, 48.5346, 64.3833)

Have a look what the booklet for
XYZ(53.0311, 48.5346, 64.3833)
contains.

XYZ(53.0195, 48.5288, 64.3302)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.0195, 48.5288,
64.3302)**

Conversions

Conversions Part 1

Format	Color
Hex	D3AECD
RGB	211, 174, 205
RGB Percent	83%, 68%, 80%
CMY	0.1725, 0.3176, 0.1961
CMYK	0.00, 0.18, 0.03, 0.17
HSL	310°, 30%, 75%
HSV	310°, 18%, 83%
XYZ	53.0195, 48.5288, 64.3302
YIQ	188.5970, 12.1010, 17.4850

Conversions

Conversions Part 2

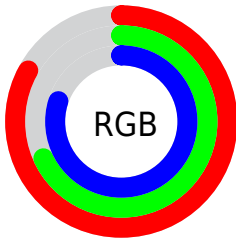
Format	Color
R_{YB}	211, 174, 205
Decimal	13872845
CIE _{Lab}	75.16, 18.67, -10.65
CIE _{LCh}	75, 21.500, 330.295
Yxy	48.5288, 0.3196, 0.2926
Android (android.graphics.Color)	4292062925 (0xFFD3AECD)
YUV	188.5970, 8.0867, 19.6474
Hunter-Lab	69.6626, 13.9449, -5.9877

Details

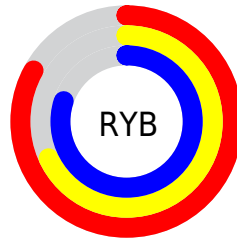
The XYZ color **53.0195, 48.5288, 64.3302** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.9900, 58.8839, 51.9664**, and the grayscale version is **48.0914, 50.5959, 55.0990**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **26.1336, 22.9770, 32.3358** is the 20% darker color. If you saturate the color by 10%, you get **48.8509, 40.8447, 60.9253**, and if you desaturate by 10%, it is **57.8403, 57.5013, 67.9982**.

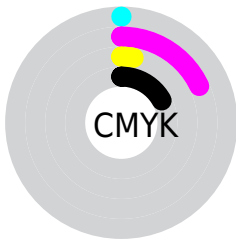
Distribution



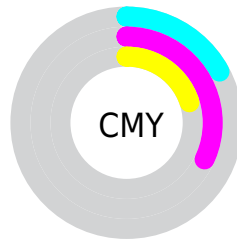
- Red (83%)
- Green (68%)
- Blue (80%)



- Red (83%)
- Yellow (68%)
- Blue (80%)



- Cyan (0%)
- Magenta (18%)
- Yellow (3%)
- Black (17%)





- Cyan (17%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0195, 48.5288, 64.3302 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 53.0195, 48.5288, 64.3302 by changing the saturation by 10% instead.


 53.0195, 48.5288,
64.3302

 53.0195, 48.5288,
64.3302


388.6196,
380.8843, 458.6212

 38.0459, 34.2458,
46.4703


 93.7984, 87.9912,
112.6904

 26.1957, 23.0825,
32.2657


120.3344,
113.9395, 144.0277

 17.1035, 14.6545,
21.2981


151.4553,
144.5449, 180.6946

 10.4041, 8.5772,
13.1487

187.5263,
180.1920, 223.1096

 5.7320, 4.4665,
7.3991

228.9129,
221.2651, 271.6912

 2.7219, 1.9378,
3.6307

275.9804,

 1.0085, 0.5709,

268.1486, 326.8580

1.4250

329.0942,
321.2269, 389.0285

■ 0.0000, 0.0000,
0.1611

■ 0.0000, 0.0000,
0.0000

■ 53.0195, 48.5288,
64.3302

■ 53.0195, 48.5288,
64.3302

■ 48.8509, 40.8447,
60.9253

■ 57.8403, 57.5013,
67.9982

■ 45.3003, 34.3831,
57.7701

■ 63.3370, 67.8117,
71.9358

■ 42.3370, 29.0817,
54.8547

■ 69.5372, 79.5145,
76.1531

■ 39.9257, 24.8702,
52.1671

■ 75.3697, 90.4672,
80.2932

38.0274, 21.6707,
49.6939

75.8241, 90.6490,
82.6863

36.5981, 19.3950,
47.4201

76.2879, 90.8345,
85.1284

35.5858, 17.9395,
45.3283

76.7610, 91.0237,
87.6199

34.9191, 17.1613,
43.3942

77.2436, 91.2168,
90.1610

34.7783, 17.0147,
42.9316

77.7356, 91.4136,
92.7519

Harmonies

Analogous

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



50.0512, 48.5288, 73.8621



53.0195, 48.5288, 64.3302



54.1188, 48.5288, 52.7280

Triad

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



53.0195, 48.5288, 64.3302



46.0862, 48.5288, 33.9859



39.8914, 48.5288, 64.5510

Complementary

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



53.0195, 48.5288, 64.3302



48.9900, 58.8839, 51.9664

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.



38.9602, 48.5288, 52.9514



53.0195, 48.5288, 64.3302



42.4100, 48.5288, 36.2404

Square

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



53.0195, 48.5288, 64.3302



49.9799, 48.5288, 36.1536



39.8560, 48.5288, 42.8059



42.4739, 48.5288, 74.0018

Rectangle

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



53.0195, 48.5288, 64.3302



53.5976, 48.5288, 45.6693



39.8560, 48.5288, 42.8059



39.3817, 48.5288, 60.7237

Sweetspot

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



53.0209, 48.5309, 64.3312



90.7854, 92.0007, 105.8449



45.6139, 44.6271, 67.8387



19.3082, 19.4605, 22.5651



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.



53.0209, 48.5309, 64.3312



78.9147, 69.9166, 96.7786



50.9660, 47.7090, 53.5103



12.2250, 11.9747, 14.4607



21.0205, 10.2810, 26.0777



1.1979, 0.5839, 1.5768

Inverse Universe

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



53.0209, 48.5309, 64.3312



78.9147, 69.9166, 96.7786



50.9504, 59.6681, 62.2896



12.2250, 11.9747, 14.4607



21.0205, 10.2810, 26.0777



1.1979, 0.5839, 1.5768

Previews

White Background



This preview shows how the XYZ color 53.0195, 48.5288, 64.3302 looks on a white background.

Color Contrast Check

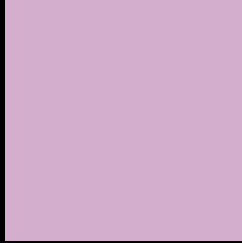
Large Text (above 18pt) WCAG AA × Fail

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 53.0195, 48.5288, 64.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

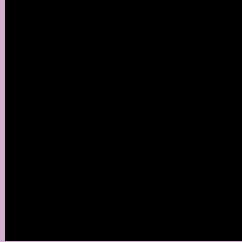
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0195, 48.5288, 64.3302

Background



This preview shows how black text looks on a background with the XYZ color 53.0195, 48.5288, 64.3302.



This preview shows how white text looks on a background with the XYZ color 53.0195, 48.5288,

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

53.0195, 48.5288, 64.3302

Protanopia

47.9544, 48.8079, 68.5214

Deuteranopia

49.7260, 48.6043, 63.8875



Tritanopia

51.3109, 48.7173, 55.4142

Trichromacy



Original Color

53.0195, 48.5288, 64.3302

Protanomaly

49.5681, 48.4524, 67.0613

Deuteranomaly

50.9069, 48.6179, 63.8279

Tritanomaly

51.9540, 48.6924, 58.2901

Monochromacy



Original Color

53.0195, 48.5288, 64.3302

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.0168, 50.0914, 58.6622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0195, 48.5288, 64.3302 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(211, 174, 205)` looks like.

```
.text, #text, p{  
    color:rgb(211, 174, 205)  
}
```

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(211, 174, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 174, 205) }
```

Border

The CSS property to change the border of an element to XYZ 53.0195, 48.5288, 64.3302 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(211, 174, 205) }
```


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

```
.border{ border-color:rgb(211, 174, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 174, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 174, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 174, 205);  
box-shadow:4px 4px 4px 4px rgb(211, 174,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0195, 48.5288, 64.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 174, 205) }
```

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

```
.background{ background-color: rgb(211,  
174, 205) }
```

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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