

Converting Colors

XYZ(51.7073, 48.3755, 55.6573)

Have a look what the booklet for
XYZ(51.7073, 48.3755, 55.6573)
contains.

XYZ(51.5979, 48.2704, 55.8878)	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(51.5979, 48.2704,
55.8878)**

Conversions

Conversions Part 1

Format	Color
Hex	D3AFBF
RGB	211, 175, 191
RGB Percent	83%, 69%, 75%
CMY	0.1725, 0.3137, 0.2510
CMYK	0.00, 0.17, 0.09, 0.17
HSL	333°, 29%, 76%
HSV	333°, 17%, 83%
XYZ	51.5979, 48.2704, 55.8878
YIQ	187.5880, 16.3200, 12.6080

Conversions

Conversions Part 2

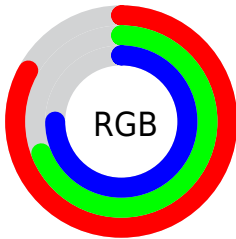
Format	Color
R _Y B	211, 175, 191
Decimal	13873087
CIE Lab	75.00, 15.66, -3.25
CIE LCh	75, 15.994, 348.293
Yxy	48.2704, 0.3313, 0.3099
Android (android.graphics.Color)	4292063167 (0xFFD3AFBF)
YUV	187.5880, 1.6821, 20.5323
Hunter-Lab	69.4769, 10.9807, 0.9405

Details

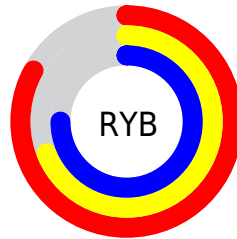
The XYZ color **51.5979, 48.2704, 55.8878** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.8257, 59.6439, 60.4662**, and the grayscale version is **47.5518, 50.0282, 54.4807**.

A 20% lighter version of the original color is **86.6044, 85.1272, 99.8623**, and **25.2573, 22.8220, 27.1186** is the 20% darker color. If you saturate the color by 10%, you get **46.5690, 40.1948, 48.0991**, and if you desaturate by 10%, it is **57.3746, 57.6750, 64.4364**.

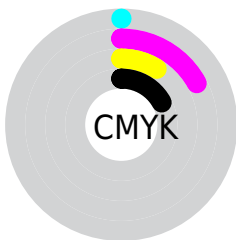
Distribution



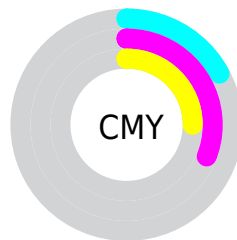
- Red (83%)
- Green (69%)
- Blue (75%)



- Red (83%)
- Yellow (69%)
- Blue (75%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (17%)





- Cyan (17%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5979, 48.2704, 55.8878 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 51.5979, 48.2704, 55.8878 by changing the saturation by 10% instead.


 51.5979, 48.2704,
55.8878

 51.5979, 48.2704,
55.8878


383.2318,
379.8629, 426.6450

 36.9076, 34.0411,
39.7096


 91.7157, 87.6069,
100.3247

 25.3093, 22.9252,
27.0001

117.8740,
113.4828, 129.4204

 16.4376, 14.5383,
17.3409

148.5856,
144.0097, 163.6590

 9.9272, 8.4960,
10.3133

184.2159,
179.5720, 203.4591

 5.4126, 4.4139,
5.4989

225.1304,
220.5541, 249.2392

 2.5285, 1.9077,
2.4790

271.6943,

 0.9097, 0.5530,

267.3403, 301.4179

0.8290

324.2730,
320.3151, 360.4136

■ 0.0000, 0.0000,
0.0000

■ 51.5979, 48.2704,
55.8878

■ 51.5979, 48.2704,
55.8878

■ 46.5690, 40.1948,
48.0991

■ 57.3746, 57.6750,
64.4364

■ 42.2515, 33.3812,
41.0447

■ 63.9249, 68.4585,
73.7634

■ 38.6123, 27.7669,
34.7018

■ 71.2788, 80.6764,
83.8903

■ 35.6139, 23.2807,
29.0451

■ 78.0414, 91.5359,
94.3631

■ 33.2147, 19.8441,
24.0474

■ 79.8198, 92.2472,
103.7278

■ 31.3682, 17.3683,
19.6792

■ 80.6742, 92.5890,
108.2272

■ 30.0201, 15.7497,
15.9079

■ 29.0992, 14.8508,
12.6942

■ 28.8741, 14.6530,
11.8412

Harmonies

Analogous

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



50.1986, 48.2704, 63.9947



51.5979, 48.2704, 55.8878



51.4176, 48.2704, 47.6726

Triad

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



51.5979, 48.2704, 55.8878



44.1403, 48.2704, 38.7258



42.2457, 48.2704, 65.4952

Complementary

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



51.5979, 48.2704, 55.8878



50.8257, 59.6439, 60.4662

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.



40.7542, 48.2704, 57.7668



51.5979, 48.2704, 55.8878



41.8156, 48.2704, 42.5726

Square

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



51.5979, 48.2704, 55.8878



47.0279, 48.2704, 38.3372



40.6001, 48.2704, 49.3637



44.7501, 48.2704, 69.9218

Rectangle

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



51.5979, 48.2704, 55.8878



50.4272, 48.2704, 43.2133



40.6001, 48.2704, 49.3637



41.6139, 48.2704, 63.1618

Sweetspot

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



51.5993, 48.2725, 55.8888



89.9968, 91.6853, 101.6923



49.5437, 46.9409, 68.0779



19.1163, 19.3837, 21.5548



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.



51.5993, 48.2725, 55.8888



76.6516, 69.9732, 81.8962



50.2862, 48.3116, 47.2347



12.0239, 11.8943, 13.4017



17.4752, 8.8629, 7.4087



1.0168, 0.5114, 0.6230

Inverse Universe

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



51.5993, 48.2725, 55.8888



76.6516, 69.9732, 81.8962



52.2882, 59.5174, 70.3608



12.0239, 11.8943, 13.4017



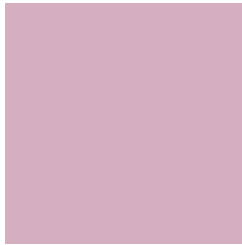
17.4752, 8.8629, 7.4087



1.0168, 0.5114, 0.6230

Previews

White Background



This preview shows how the XYZ color 51.5979, 48.2704, 55.8878 looks on a white background.

Color Contrast Check

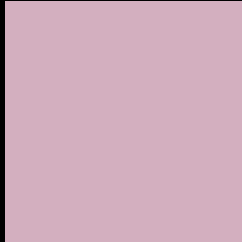
Large Text (above 18pt) WCAG AA × Fail

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 51.5979, 48.2704, 55.8878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

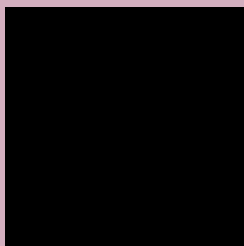
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5979, 48.2704, 55.8878

Background



This preview shows how black text looks on a background with the XYZ color 51.5979, 48.2704, 55.8878.



This preview shows how white text looks on a background with the XYZ color 51.5979, 48.2704,

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

51.5979, 48.2704, 55.8878

Protanopia

47.1119, 48.5808, 59.1185

Deuteranopia

49.2338, 48.2373, 55.4310



Tritanopia

51.3792, 48.1830, 54.7364

Trichromacy



Original Color

51.5979, 48.2704, 55.8878

Protanomaly

48.5096, 48.4121, 57.8267

Deuteranomaly

50.1165, 48.3959, 55.4151

Tritanomaly

51.4882, 48.2265, 55.3101

Monochromacy



Original Color

51.5979, 48.2704, 55.8878

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.8837, 49.2769, 55.0790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5979, 48.2704, 55.8878 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, 175, 191)` looks like.

```
.text, #text, p{  
    color:rgb(211, 175, 191)  
}
```

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, 175, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 175, 191) }
```

Border

The CSS property to change the border of an element to XYZ 51.5979, 48.2704, 55.8878 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, 175, 191) }
```


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

```
.border{ border-color:rgb(211, 175, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 175, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 175, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 175, 191);  
box-shadow:4px 4px 4px 4px rgb(211, 175,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5979, 48.2704, 55.8878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 175, 191) }
```

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

```
.background{ background-color: rgb(211,  
175, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor