

Converting Colors

XYZ(41.7214, 26.9392, 56.7130)

Have a look what the booklet for
XYZ(41.7214, 26.9392, 56.7130)
contains.

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Color

**XYZ(41.8063, 26.9979,
56.4338)**

Conversions

Conversions Part 1

Format	Color
Hex	D463C6
RGB	212, 99, 198
RGB Percent	83%, 39%, 78%
CMY	0.1686, 0.6117, 0.2235
CMYK	0.00, 0.53, 0.07, 0.17
HSL	307°, 57%, 61%
HSV	307°, 53%, 83%
XYZ	41.8063, 26.9979, 56.4338
YIQ	144.0730, 35.5690, 54.7450

Conversions

Conversions Part 2

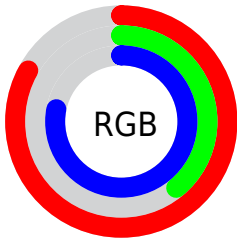
Format	Color
R _Y B	212, 99, 198
Decimal	13919174
CIE Lab	58.97, 57.09, -31.39
CIE LCh	59, 65.155, 331.198
Yxy	26.9979, 0.3338, 0.2156
Android (android.graphics.Color)	4292109254 (0xFFD463C6)
YUV	144.0730, 26.5860, 59.5720
Hunter-Lab	51.9595, 52.6909, -28.0239

Details

The XYZ color **41.8063, 26.9979, 56.4338** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **31.6709, 50.9330, 23.7863**, and the grayscale version is **26.4258, 27.8020, 30.2764**.

A 20% lighter version of the original color is **70.8456, 51.5912, 100.8319**, and **19.4155, 10.7099, 27.4295** is the 20% darker color. If you saturate the color by 10%, you get **39.7550, 23.3754, 54.2683**, and if you desaturate by 10%, it is **44.3918, 31.6792, 58.8038**.

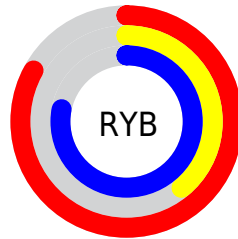
Distribution



Red (83%)

Green (39%)

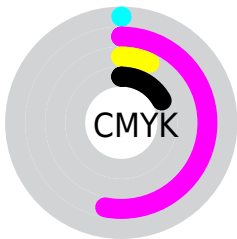
Blue (78%)



Red (83%)

Yellow (39%)

Blue (78%)

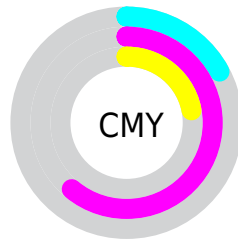


Cyan (0%)

Magenta (53%)

Yellow (7%)

Black (17%)



Cyan (17%)


Magenta (61%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8063, 26.9979, 56.4338 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 41.8063, 26.9979, 56.4338 by changing the saturation by 10% instead.


 41.8063, 26.9979,
56.4338


 41.8063, 26.9979,
56.4338


344.6847,
287.6470, 428.7584


 29.1401, 17.5716,
40.1445


 77.1734, 54.8805,
101.1307


 19.3316, 10.6429,
27.3366


 100.6050, 74.1056,
130.3753

 12.0156, 5.8273,
17.5915


 128.3558, 97.3658,
164.7755

 6.8266, 2.7403,
10.4907

 160.7911,
125.0455, 204.7498

 3.3992, 0.9977,
5.6157

198.2762,
157.5291, 250.7167

 1.3682, 0.0000,
2.5478

241.1767,

 0.2334, 0.0000,

195.2009, 303.0947

0.8653

289.8577,
238.4454, 362.3025

■ 0.0000, 0.0000,
0.0000

■ 41.8063, 26.9979,
56.4338

■ 41.8063, 26.9979,
56.4338

■ 39.7550, 23.3754,
54.2683

■ 44.3918, 31.6792,
58.8038

■ 38.1929, 20.7236,
52.2913

■ 47.5464, 37.4907,
61.3893

■ 37.0722, 18.9462,
50.4872

■ 51.3052, 44.5022,
64.2025

■ 36.3342, 17.9259,
48.8362

■ 55.6997, 52.7766,
67.2538

■ 35.9864, 17.5311,
47.7931

■ 60.7592, 62.3726,
70.5533

■ 66.5113, 73.3449,
74.1101

■ 72.9818, 85.7454,
77.9331

■ 75.6999, 90.6325,
80.5322

■ 76.0486, 90.7720,
82.3683

Harmonies

Analogous

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



34.5696, 26.9979, 86.1691



41.8063, 26.9979, 56.4338



44.5167, 26.9979, 28.4764

Triad

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



41.8063, 26.9979, 56.4338



25.3375, 26.9979, 3.5883



14.5422, 26.9979, 58.9572

Complementary

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



41.8063, 26.9979, 56.4338



31.6709, 50.9330, 23.7863

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.



13.0607, 26.9979, 30.3354



41.8063, 26.9979, 56.4338



18.4312, 26.9979, 5.4109

Square

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



41.8063, 26.9979, 56.4338



33.8884, 26.9979, 5.1157



14.3211, 26.9979, 12.7599



18.8857, 26.9979, 88.0869

Rectangle

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



41.8063, 26.9979, 56.4338



43.0223, 26.9979, 16.0743



14.3211, 26.9979, 12.7599



13.7395, 26.9979, 48.5771

Sweetspot

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



41.8072, 26.9991, 56.4343



82.5839, 76.3531, 100.7820



23.0522, 17.1353, 64.3807



17.3744, 15.7737, 21.3634



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.



41.8072, 26.9991, 56.4343



60.0133, 34.8651, 81.9964



36.5207, 24.8845, 28.5958



12.8837, 12.6050, 15.3278



22.2413, 10.8328, 29.6384



1.3605, 0.6610, 1.8878

Inverse Universe

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



41.8072, 26.9991, 56.4343



60.0133, 34.8651, 81.9964



35.8220, 52.5934, 45.6453



12.8837, 12.6050, 15.3278



22.2413, 10.8328, 29.6384



1.3605, 0.6610, 1.8878

Previews

White Background



This preview shows how the XYZ color 41.8063, 26.9979, 56.4338 looks on a white background.

Color Contrast Check

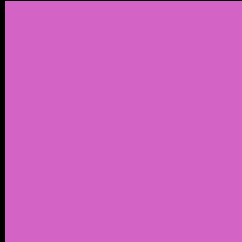
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.8063, 26.9979, 56.4338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

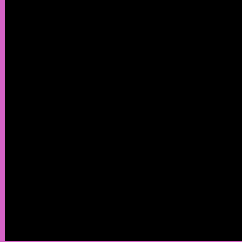
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.8063, 26.9979, 56.4338

Background



This preview shows how black text looks on a background with the XYZ color 41.8063, 26.9979, 56.4338.

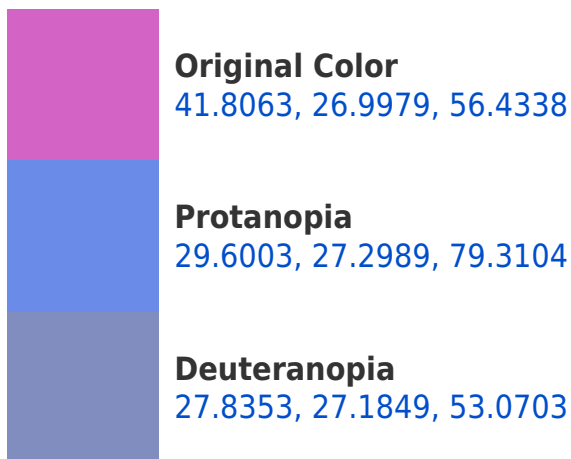


This preview shows how white text looks on a background with the XYZ color 41.8063, 26.9979,

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





Tritanopia

34.9648, 27.0406, 22.7786

Trichromacy



Original Color

41.8063, 26.9979, 56.4338



Protanomaly

31.6709, 25.5495, 70.2801



Deuteranomaly

31.3693, 25.9332, 54.3912



Tritanomaly

36.9756, 26.6843, 32.9075

Monochromacy



Original Color

41.8063, 26.9979, 56.4338



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

30.7822, 26.5537, 38.6249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8063, 26.9979, 56.4338 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(212, 99, 198)` looks like.

```
.text, #text, p{  
    color:rgb(212, 99, 198)  
}
```

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(212, 99, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 99, 198) }
```

Border

The CSS property to change the border of an element to XYZ 41.8063, 26.9979, 56.4338 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(212, 99, 198) }
```


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

```
.border{ border-color:rgb(212, 99, 198) }
```

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

Here you see how a box with a 4 pixel rgb(212, 99, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 99, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 99, 198);  
box-shadow:4px 4px 4px 4px rgb(212, 99,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8063, 26.9979, 56.4338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 99, 198) }
```

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

```
.background{ background-color: rgb(212, 99,  
198) }
```

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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