

Converting Colors

XYZ(41.7758, 25.7957, 53.7514)

Have a look what the booklet for
XYZ(41.7758, 25.7957, 53.7514)
contains.

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Color

**XYZ(41.7127, 25.8063,
53.8215)**

Conversions

Conversions Part 1

Format	Color
Hex	D85AC2
RGB	216, 90, 194
RGB Percent	85%, 35%, 76%
CMY	0.1529, 0.6470, 0.2392
CMYK	0.00, 0.58, 0.10, 0.15
HSL	310°, 62%, 60%
HSV	310°, 58%, 85%
XYZ	41.7127, 25.8063, 53.8215
YIQ	139.5300, 41.7120, 59.0560

Conversions

Conversions Part 2

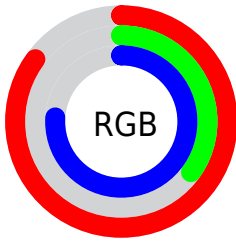
Format	Color
R _Y B	216, 90, 194
Decimal	14179010
CIE Lab	57.85, 61.64, -30.80
CIE LCh	58, 68.905, 333.447
Yxy	25.8063, 0.3438, 0.2127
Android (android.graphics.Color)	4292369090 (0xFFD85AC2)
YUV	139.5300, 26.8537, 67.0642
Hunter-Lab	50.7999, 57.6697, -27.2567

Details

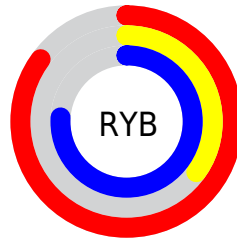
The XYZ color **41.7127, 25.8063, 53.8215** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **31.6982, 52.4563, 23.7856**, and the grayscale version is **24.6343, 25.9172, 28.2238**.

A 20% lighter version of the original color is **68.9315, 48.7828, 97.0497**, and **19.2494, 9.9931, 25.7252** is the 20% darker color. If you saturate the color by 10%, you get **39.7303, 22.5103, 51.0973**, and if you desaturate by 10%, it is **44.2368, 30.1674, 56.7798**.

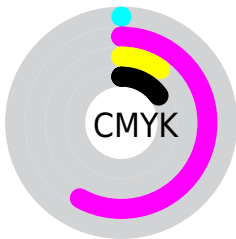
Distribution



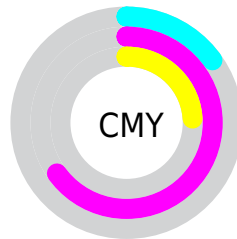
- Red (85%)
- Green (35%)
- Blue (76%)



- Red (85%)
- Yellow (35%)
- Blue (76%)



- Cyan (0%)
- Magenta (58%)
- Yellow (10%)
- Black (15%)





- Cyan (15%)
- Magenta (65%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7127, 25.8063, 53.8215 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 41.7127, 25.8063, 53.8215 by changing the saturation by 10% instead.

 41.7127, 25.8063,
53.8215


 41.7127, 25.8063,
53.8215


344.3025,
281.8299, 418.5843


 29.0665, 16.6788,
38.0668


 77.0325, 52.9623,
97.2659


 19.2757, 10.0057,
25.7323


 100.4369, 71.7596,
125.7926

 11.9748, 5.4028,
16.3995


 128.1580, 94.5489,
159.4137

 6.7986, 2.4855,
9.6499

 160.5612,
121.7146, 198.5478

 3.3817, 0.8693,
5.0649

198.0119,
153.6412, 243.6133

 1.3587, 0.0000,
2.2260

240.8755,

 0.2265, 0.0000,

190.7130, 295.0289

0.6893

289.5172,
233.3145, 353.2131

■ 0.0000, 0.0000,
0.0000

■ 41.7127, 25.8063,
53.8215

■ 41.7127, 25.8063,
53.8215

■ 39.7303, 22.5103,
51.0973

■ 44.2368, 30.1674,
56.7798

■ 38.2396, 20.1813,
48.5895

■ 47.3418, 35.6734,
59.9849

■ 37.1858, 18.7090,
46.2795

■ 51.0660, 42.4004,
63.4502

■ 36.4863, 17.9286,
44.1396

■ 55.4438, 50.4172,
67.1876

■ 36.3837, 17.8249,
43.7921

■ 60.5072, 59.7873,
71.2080

■ 66.2857, 70.5699,
75.5218

■ 72.8075, 82.8209,
80.1386

■ 77.5574, 91.5104,
84.2205

■ 78.0753, 91.7175,
86.9476

Harmonies

Analogous

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



34.3959, 25.8063, 85.9341



41.7127, 25.8063, 53.8215



44.1099, 25.8063, 25.4446

Triad

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



41.7127, 25.8063, 53.8215



23.5830, 25.8063, 2.7321



13.4937, 25.8063, 61.4847

Complementary

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



41.7127, 25.8063, 53.8215



31.6982, 52.4563, 23.7856

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.



11.8169, 25.8063, 30.9312



41.7127, 25.8063, 53.8215



16.7550, 25.8063, 4.6360

Square

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



41.7127, 25.8063, 53.8215



32.3596, 25.8063, 3.8590



12.8610, 25.8063, 12.2419



18.0746, 25.8063, 91.8424

Rectangle

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



41.7127, 25.8063, 53.8215



42.2349, 25.8063, 13.5759



12.8610, 25.8063, 12.2419



12.6251, 25.8063, 50.4377

Sweetspot

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



41.7136, 25.8075, 53.8220



81.5511, 74.9142, 98.5060



22.6077, 15.6511, 66.7959



17.1565, 15.4845, 20.8390



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.



41.7136, 25.8075, 53.8220



57.2907, 31.8707, 73.5331



36.1411, 23.5785, 24.4777



12.8556, 12.5937, 15.1799



21.5709, 10.5647, 26.1082



1.3261, 0.6472, 1.7066

Inverse Universe

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



41.7136, 25.8075, 53.8220



57.2907, 31.8707, 73.5331



36.4134, 54.3424, 48.6158



12.8556, 12.5937, 15.1799



21.5709, 10.5647, 26.1082



1.3261, 0.6472, 1.7066

Previews

White Background



This preview shows how the XYZ color 41.7127, 25.8063, 53.8215 looks on a white background.

Color Contrast Check

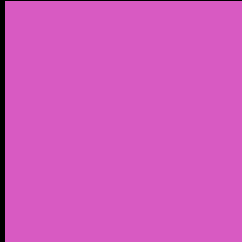
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.7127, 25.8063, 53.8215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

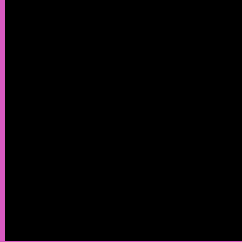
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.7127, 25.8063, 53.8215

Background



This preview shows how black text looks on a background with the XYZ color 41.7127, 25.8063, 53.8215.

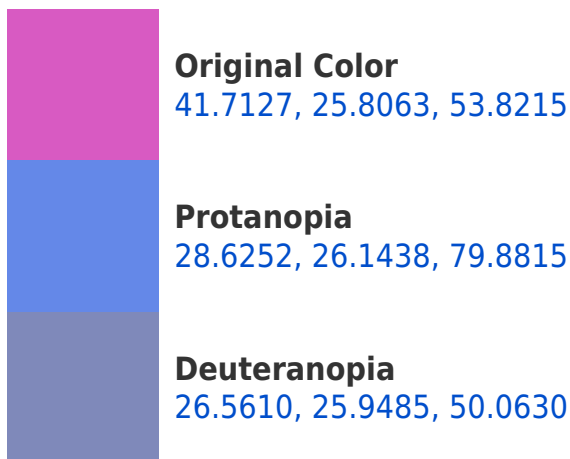


This preview shows how white text looks on a background with the XYZ color 41.7127, 25.8063,

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

34.7992, 25.8461, 19.9843

Trichromacy



Original Color

41.7127, 25.8063, 53.8215



Protanomaly

30.4070, 24.0064, 69.3607



Deuteranomaly

30.1999, 24.4780, 51.2771



Tritanomaly

36.8251, 25.5937, 29.7872

Monochromacy



Original Color

41.7127, 25.8063, 53.8215



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

29.4531, 24.7820, 36.4888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7127, 25.8063, 53.8215 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(216, 90, 194)` looks like.

```
.text, #text, p{  
    color:rgb(216, 90, 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(216, 90, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 90, 194) }
```

Border

The CSS property to change the border of an element to XYZ 41.7127, 25.8063, 53.8215 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(216, 90, 194) }
```


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

```
.border{ border-color:rgb(216, 90, 194) }
```

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

Here you see how a box with a 4 pixel rgb(216, 90, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 90, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 90, 194);  
box-shadow:4px 4px 4px 4px rgb(216, 90,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7127, 25.8063, 53.8215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 90, 194) }
```

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

```
.background{ background-color: rgb(216, 90,  
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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