

Converting Colors

YUV(125.3400, 48.6394,
79.5088)

Have a look what the booklet for
YUV(125.3400, 48.6394, 79.5088)
contains.

YUV(125.3400, 48.6394, 79.5088)	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

**YUV(125.3400, 48.6394,
79.5088)**

Conversions

Conversions Part 1

Format	Color
Hex	D83CE0
RGB	216, 60, 224
RGB Percent	85%, 24%, 88%
CMY	0.1529, 0.7647, 0.1216
CMYK	0.04, 0.73, 0.00, 0.12
HSL	297°, 73%, 56%
HSV	297°, 73%, 88%
XYZ	43.3893, 23.2125, 72.7146
YIQ	125.3400, 40.3320, 84.0760

Conversions

Conversions Part 2

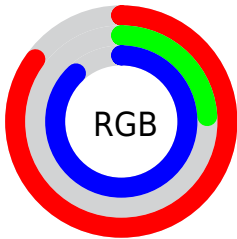
Format	Color
R _{YB}	216, 60, 224
Decimal	14171360
CIE Lab	55.29, 77.71, -51.90
CIE LCh	55, 93.445, 326.259
Yxy	23.2125, 0.3114, 0.1666
Android (android.graphics.Color)	4292361440 (0xFFD83CE0)
YUV	125.3400, 48.6394, 79.5088
Hunter-Lab	48.1793, 76.4396, -55.7579

Details

The YUV color **125.3400, 48.6394, 79.5088** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **158.6600, -48.6394, -79.5088**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9290, 38.4890, 68.4683**, and **66.0950, 50.2392, 79.7237** is the 20% darker color. If you saturate the color by 10%, you get **112.1270, 55.1534, 90.2196**, and if you desaturate by 10%, it is **138.5530, 42.1254, 68.7980**.

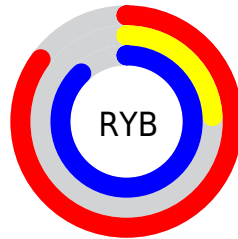
Distribution



Red (85%)

Green (24%)

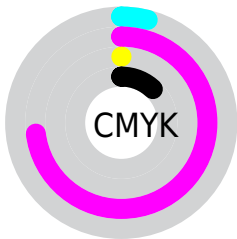
Blue (88%)



Red (85%)

Yellow (24%)

Blue (88%)

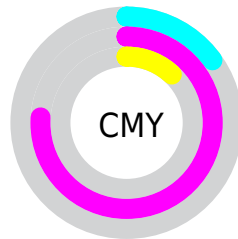


Cyan (4%)

Magenta (73%)

Yellow (0%)

Black (12%)



Cyan (15%)


Magenta (76%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 125.3400, 48.6394, 79.5088 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 YUV color 125.3400, 48.6394, 79.5088 by changing the saturation by 10% instead.


 125.3400, 48.6394,
79.5088


 125.3400, 48.6394,
79.5088


255.0000, 0.0000,
0.0000


 86.1760, 54.1432,
87.5456


 176.9290, 38.4890,
68.4683


 66.0950, 50.2392,
79.7237


 194.5390, 29.8073,
53.0243


 54.3460, 42.7204,
64.5946


 211.5620, 21.4149,
38.0951

 42.7110, 35.6385,
49.3655

 229.1720, 12.7332,
22.6512

 31.3750, 28.4091,
34.7511

 246.7820, 4.0515,
7.2072

 20.5660, 21.9060,
20.5516

 5.3860, 18.0507,

-2.9695

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 125.3400, 48.6394,
79.5088

■ 125.3400, 48.6394,
79.5088

■ 112.1270, 55.1534,
90.2196

■ 138.5530, 42.1254,
68.7980

■ 98.3270, 61.9568,
101.4452

■ 152.3530, 35.3220,
57.5724

■ 89.2230, 66.4451,
108.5524

■ 165.5660, 28.8080,
46.8616

■ 179.3660, 22.0046,
35.6360

■ 192.5790, 15.4906,
24.9252

■ 206.0910, 8.8291,
14.8292

■ 219.8910, 2.0257,
3.6036

■ 233.1040, -4.4883,
-7.1072

■ 242.7950, -9.2659,
-14.7292

Harmonies

Analogous

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



122.2780, 65.4319, -33.5698



125.3400, 48.6394, 79.5088



92.8890, 26.1837, 142.1713

Triad

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



125.3400, 48.6394, 79.5088



124.7920, -61.5225, 39.6474



119.9970, 40.9205, -105.2374

Complementary

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



125.3400, 48.6394, 79.5088



158.6600, -48.6394, -79.5088

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.



109.8340, 4.5188, -96.3244



125.3400, 48.6394, 79.5088



113.7860, -56.0965, -20.8603

Square

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



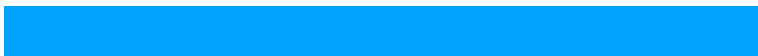
125.3400, 48.6394, 79.5088



119.2410, -58.7858, 95.3816



96.0690, -35.5300, -84.2525



123.5770, 64.7915, -108.3770

Rectangle

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



125.3400, 48.6394, 79.5088



86.8470, 3.0334, 147.4702



96.0690, -35.5300, -84.2525



116.9190, 29.1269, -102.5380

Sweetspot

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



125.3400, 48.6394, 79.5088



221.2310, 16.6481, 26.9844



83.3920, 69.3197, -20.5148



107.4440, 10.1341, 16.2736



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



125.3400, 48.6394, 79.5088



120.2230, 66.4451, 108.5524



119.2960, 15.1371, 91.8254



105.5430, 3.1833, 5.6628



69.9970, 52.2595, 85.0716



19.2260, 14.1856, 23.4808

Inverse Universe

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



109.9480, -20.6804, 100.0236



99.2300, -28.2144, 136.6103



164.7040, -15.1371, -91.8254



104.4030, -1.1847, 6.6626



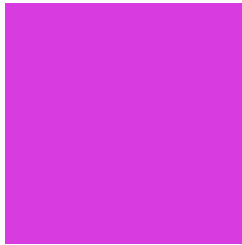
53.6500, -22.0124, 107.3010



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 125.3400, 48.6394, 79.5088 looks on a white background.

Color Contrast Check

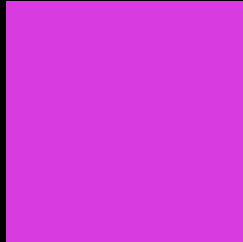
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 125.3400, 48.6394, 79.5088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

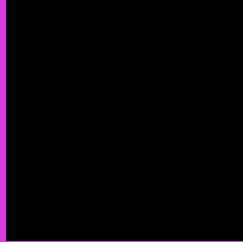
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.3400, 48.6394, 79.5088

Background



This preview shows how black text looks on a background with the YUV color 125.3400, 48.6394, 79.5088.



This preview shows how white text looks on a background with the YUV color 125.3400, 48.6394,

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

125.3400, 48.6394, 79.5088

Protanopia

122.1350, 65.5024, -56.2464

Deuteranopia

128.0670, 41.8720, -36.8928



Tritanopia

131.9970, -11.8305, 61.3926

Trichromacy



Original Color

125.3400, 48.6394, 79.5088



Protanomaly

123.2490, 59.5302, -7.2344



Deuteranomaly

126.7270, 44.5046, 5.5014



Tritanomaly

129.4750, 10.1188, 67.9894

Monochromacy



Original Color

125.3400, 48.6394, 79.5088



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

124.8830, 17.8057, 29.0436

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.3400, 48.6394, 79.5088 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, 60, 224)` looks like.

```
.text, #text, p{  
    color:rgb(216, 60, 224)  
}
```

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, 60, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 60, 224) }
```

Border

The CSS property to change the border of an element to YUV 125.3400, 48.6394, 79.5088 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, 60, 224) }
```


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

```
.border{ border-color:rgb(216, 60, 224) }
```

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

Here you see how a box with a 4 pixel rgb(216, 60, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 60, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 60, 224);  
box-shadow:4px 4px 4px 4px rgb(216, 60,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 125.3400, 48.6394, 79.5088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 60, 224) }
```

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

```
.background{ background-color: rgb(216, 60,  
224) }
```

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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