

Converting Colors

YUV(113.6820, 12.9748,
85.3479)

Have a look what the booklet for
YUV(113.6820, 12.9748, 85.3479)
contains.

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Color

**YUV(113.6820, 12.9748,
85.3479)**

Conversions

Conversions Part 1

Format	Color
Hex	D33B8C
RGB	211, 59, 140
RGB Percent	83%, 23%, 55%
CMY	0.1725, 0.7686, 0.4510
CMYK	0.00, 0.72, 0.34, 0.17
HSL	328°, 63%, 53%
HSV	328°, 72%, 83%
XYZ	33.1616, 18.8703, 26.7055
YIQ	113.6820, 64.5910, 57.4150

Conversions

Conversions Part 2

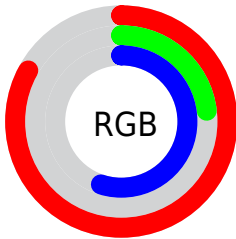
Format	Color
R_{YB}	211, 59, 140
Decimal	13843340
CIE _{Lab}	50.54, 65.21, -10.48
CIE _{LCh}	51, 66.041, 350.872
Yxy	18.8703, 0.4212, 0.2397
Android (android.graphics.Color)	4292033420 (0xFFD33B8C)
YUV	113.6820, 12.9748, 85.3479
Hunter-Lab	43.4399, 60.2451, -6.0416

Details

The YUV color **113.6820, 12.9748, 85.3479** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **156.3180, -12.9748, -85.3479**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6270, 13.0019, 76.6261**, and **55.7080, 16.9060, 84.4481** is the 20% darker color. If you saturate the color by 10%, you get **100.2150, 14.6840, 97.1584**, and if you desaturate by 10%, it is **127.1490, 11.2655, 73.5373**.

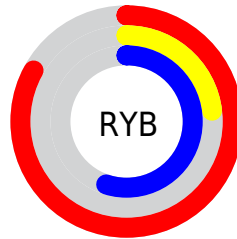
Distribution



Red (83%)

Green (23%)

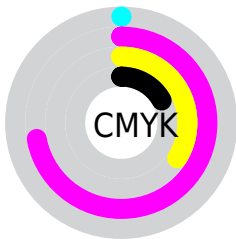
Blue (55%)



Red (83%)

Yellow (23%)

Blue (55%)

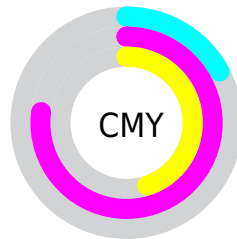


Cyan (0%)

Magenta (72%)

Yellow (34%)

Black (17%)



Cyan (17%)


Magenta (77%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.6820, 12.9748, 85.3479 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 113.6820, 12.9748, 85.3479 by changing the saturation by 10% instead.


 113.6820, 12.9748,
85.3479


 113.6820, 12.9748,
85.3479


255.0000, 0.0000,
0.0000


 78.8550, 17.3265,
89.5812


 167.6270, 13.0019,
76.6261


 55.7080, 16.9060,
84.4481

 187.7280, 16.4031,
58.9975

 44.4150, 11.1344,
68.9190


 208.0570, 20.6779,
41.1690

 33.1220, 5.3629,
53.3900

 225.6500, 14.4696,
25.7400

 23.0680, 0.4595,
39.4054

 242.6730, 6.0772,
10.8108

 11.4760, -5.1647,
23.2615

 0.0000, 0.0000,

0.0000

■ 113.6820, 12.9748,
85.3479

■ 113.6820, 12.9748,
85.3479

■ 100.2150, 14.6840,
97.1584

■ 127.1490, 11.2655,
73.5373

■ 86.7480, 16.3932,
108.9690

■ 140.6160, 9.5563,
61.7268

■ 75.8570, 17.8185,
118.5204

■ 154.0830, 7.8471,
49.9162

■ 167.4360, 5.7011,
38.2056

■ 181.4900, 3.7024,
25.8803

■ 194.9570, 1.9932,
14.0697

■ 208.4240, 0.2840,
2.2592

■ 221.8910, -1.4253,
-9.5514

■ 235.3580, -3.1345,
-21.3620

Harmonies

Analogous

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



122.6130, 34.2078, 41.5584



113.6820, 12.9748, 85.3479



110.5650, -13.0965, 94.2205

Triad

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



113.6820, 12.9748, 85.3479



108.0150, -53.2514, -0.0132



106.9520, 49.3237, -93.7969

Complementary

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



113.6820, 12.9748, 85.3479



156.3180, -12.9748, -85.3479

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.



103.2410, 27.4892, -90.5424



113.6820, 12.9748, 85.3479



91.4640, -24.3858, -65.3049

Square

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



113.6820, 12.9748, 85.3479



113.2850, -55.8495, 40.0921



96.0420, 2.4443, -84.2288



103.9320, 63.1375, -91.1484

Rectangle

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



113.6820, 12.9748, 85.3479



112.6780, -31.3933, 82.7204



96.0420, 2.4443, -84.2288



106.5300, 42.6297, -93.4268

Sweetspot

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



113.6820, 12.9748, 85.3479



219.1640, 4.8491, 31.4282



97.5570, 55.9274, 28.4525



106.2180, 2.8505, 19.1028



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.



113.6820, 12.9748, 85.3479



114.8190, 18.8232, 122.9387



105.0180, -20.2219, 92.9462



97.9730, 0.9993, 6.1627



60.4920, 14.5474, 94.2845



14.7670, 3.5659, 23.0063

Inverse Universe

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



113.6820, 12.9748, 85.3479



114.8190, 18.8232, 122.9387



164.9820, 20.2219, -92.9462



97.9730, 0.9993, 6.1627



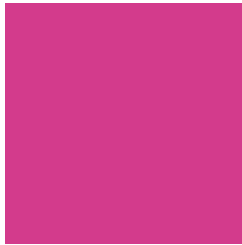
60.4920, 14.5474, 94.2845



14.7670, 3.5659, 23.0063

Previews

White Background



This preview shows how the YUV color 113.6820, 12.9748, 85.3479 looks on a white background.

Color Contrast Check

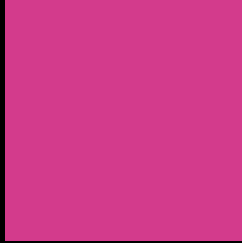
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.6820, 12.9748, 85.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

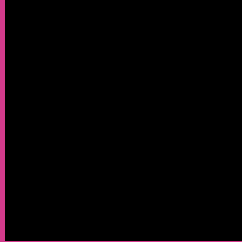
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.6820, 12.9748, 85.3479

Background



This preview shows how black text looks on a background with the YUV color 113.6820, 12.9748, 85.3479.



This preview shows how white text looks on a background with the YUV color 113.6820, 12.9748, 85.3479.

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

113.6820, 12.9748, 85.3479

Protanopia

120.3870, 29.8822, -17.8794

Deuteranopia

122.2870, 4.7885, 4.1333



Tritanopia

115.0380, -17.2737, 80.6507

Trichromacy



Original Color

113.6820, 12.9748, 85.3479

Protanomaly

117.7230, 23.8006, 19.5369

Deuteranomaly

119.5710, 7.6065, 33.7022

Tritanomaly

114.3230, -6.0752, 82.1547

Monochromacy



Original Color

113.6820, 12.9748, 85.3479

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7510, 4.5598, 30.9134

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.6820, 12.9748, 85.3479 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, 59, 140)` looks like.

```
.text, #text, p{  
    color:rgb(211, 59, 140)  
}
```

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, 59, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 59, 140) }
```

Border

The CSS property to change the border of an element to YUV 113.6820, 12.9748, 85.3479 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, 59, 140) }
```


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

```
.border{ border-color:rgb(211, 59, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 59, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 59, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 59, 140);  
box-shadow:4px 4px 4px 4px rgb(211, 59,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 113.6820, 12.9748, 85.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 59, 140) }
```

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

```
.background{ background-color: rgb(211, 59,  
140) }
```

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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