

Converting Colors

YUV(85.3460, 16.0984,
110.1986)

Have a look what the booklet for
YUV(85.3460, 16.0984, 110.1986)
contains.

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Color

**YUV(85.3460, 16.0984,
110.1986)**

Conversions

Conversions Part 1

Format	Color
Hex	D30F76
RGB	211, 15, 118
RGB Percent	83%, 6%, 46%
CMY	0.1725, 0.9412, 0.5373
CMYK	0.00, 0.93, 0.44, 0.17
HSL	328°, 87%, 44%
HSV	328°, 93%, 83%
XYZ	30.3048, 15.4985, 18.5338
YIQ	85.3460, 83.7530, 73.5850

Conversions

Conversions Part 2

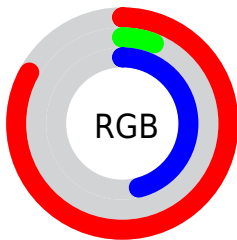
Format	Color
R_{YB}	211, 15, 118
Decimal	13832054
CIE _{Lab}	46.31, 73.01, -3.41
CIE _{LCh}	46, 73.085, 357.326
Yxy	15.4985, 0.4710, 0.2409
Android (android.graphics.Color)	4292022134 (0xFFD30F76)
YUV	85.3460, 16.0984, 110.1986
Hunter-Lab	39.3682, 68.5113, -0.3549

Details

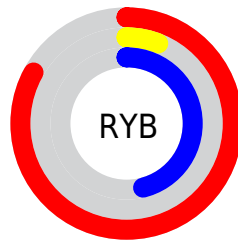
The YUV color **85.3460, 16.0984, 110.1986** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **140.6540, -16.0984, -110.1986**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.8030, 9.4641, 91.3808**, and **52.8300, 8.4648, 85.2181** is the 20% darker color. If you saturate the color by 10%, you get **75.7430, 17.3817, 118.6204**, and if you desaturate by 10%, it is **98.8130, 14.3892, 98.3880**.

Distribution



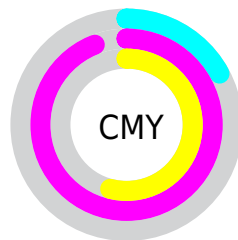
- Red (83%)
- Green (6%)
- Blue (46%)



- Red (83%)
- Yellow (6%)
- Blue (46%)



- Cyan (0%)
- Magenta (93%)
- Yellow (44%)
- Black (17%)





- Cyan (17%)
- Magenta (94%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.3460, 16.0984, 110.1986 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 85.3460, 16.0984, 110.1986 by changing the saturation by 10% instead.

 85.3460, 16.0984,
110.1986


 85.3460, 16.0984,
110.1986


255.0000, 0.0000,
0.0000


 64.4220, 14.0890,
101.3619


 150.8030, 9.4641,
91.3808


 52.8300, 8.4648,
85.2181


 171.4910, 12.5759,
73.2374

 41.3520, 3.2775,
68.9743


 191.7060, 16.4139,
55.5088

 30.2870, -1.6205,
53.2453

 212.6220, 20.3994,
37.1655

 19.1790, -7.9762,
38.4310

 229.7590, 12.4438,
22.1364

 8.1870, -3.5432,
16.4990

 247.9560, 3.4727,

 0.0000, 0.0000,

6.1776

0.0000

■ 85.3460, 16.0984,
110.1986

■ 85.3460, 16.0984,
110.1986

■ 75.7430, 17.3817,
118.6204

■ 98.8130, 14.3892,
98.3880

■ 112.2800, 12.6800,
86.5774

■ 125.7470, 10.9707,
74.7669

■ 139.2140, 9.2615,
62.9563

■ 153.2680, 7.2629,
50.6310

■ 166.7350, 5.5536,
38.8204

■ 180.2020, 3.8444,
27.0098

■ 193.6690, 2.1352,
15.1993

■ 207.1360, 0.4260,
3.3887

Harmonies

Analogous

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



107.4350, 34.2955, 60.1315



85.3460, 16.0984, 110.1986



92.0070, -16.7655, 104.3569

Triad

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



85.3460, 16.0984, 110.1986



94.9360, -46.8034, -14.8529



101.7660, 54.8384, -89.2488

Complementary

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



85.3460, 16.0984, 110.1986



140.6540, -16.0984, -110.1986

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.



98.6420, 32.7145, -86.5090



85.3460, 16.0984, 110.1986



81.0010, -22.1855, -71.0379

Square

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



85.3460, 16.0984, 110.1986



102.8970, -50.7282, 30.7853



90.8730, 5.4856, -79.6956



97.1160, 67.4838, -85.1707

Rectangle

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



85.3460, 16.0984, 110.1986



98.6430, -41.7290, 84.5051



90.8730, 5.4856, -79.6956



101.4580, 48.5812, -88.9787

Sweetspot

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



85.3460, 16.0984, 110.1986



209.4470, 5.6956, 39.9500



64.5530, 72.1984, 36.3490



99.7780, 3.5604, 24.7507



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.



85.3460, 16.0984, 110.1986



91.5210, 20.9421, 143.3711



74.4020, -25.8342, 119.7964



97.9730, 0.9993, 6.1627



60.2640, 13.6738, 94.4845



14.6530, 3.1291, 23.1063

Inverse Universe

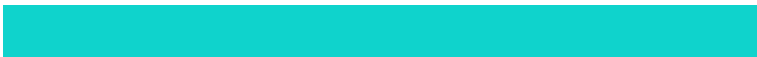
The Inverse Universe completely reimagines the original color for something new.



85.3460, 16.0984, 110.1986



91.5210, 20.9421, 143.3711



151.5980, 25.8342, -119.7964



97.9730, 0.9993, 6.1627



60.2640, 13.6738, 94.4845



14.6530, 3.1291, 23.1063

Previews

White Background



This preview shows how the YUV color 85.3460, 16.0984, 110.1986 looks on a white background.

Color Contrast Check

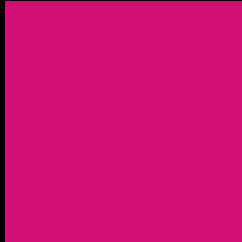
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 85.3460, 16.0984, 110.1986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

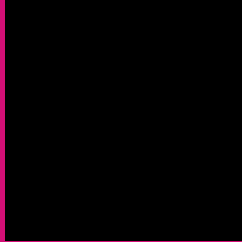
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.3460, 16.0984, 110.1986

Background



This preview shows how black text looks on a background with the YUV color 85.3460, 16.0984, 110.1986.



This preview shows how white text looks on a background with the YUV color 85.3460, 16.0984,

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

85.3460, 16.0984, 110.1986

Protanopia

110.1590, 29.0086, -17.6794

Deuteranopia

111.7130, -1.3375, 9.0217



Tritanopia

95.6550, -23.0009, 97.6496

Trichromacy



Original Color

85.3460, 16.0984, 110.1986



Protanomaly

101.1910, 24.0628, 28.7735



Deuteranomaly

102.2520, 4.8058, 45.3830



Tritanomaly

91.7600, -8.7557, 101.9425

Monochromacy



Original Color

85.3460, 16.0984, 110.1986



Achromatopsia

85.0000, 0.0000, 0.0000



Achromatomaly

85.4470, 5.6956, 39.9500

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.3460, 16.0984, 110.1986 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, 15, 118)` looks like.

```
.text, #text, p{  
    color:rgb(211, 15, 118)  
}
```

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, 15, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 15, 118) }
```

Border

The CSS property to change the border of an element to YUV 85.3460, 16.0984, 110.1986 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, 15, 118) }
```


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

```
.border{ border-color:rgb(211, 15, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 15, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 15, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 15, 118);  
box-shadow:4px 4px 4px 4px rgb(211, 15,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 85.3460, 16.0984, 110.1986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 15, 118) }
```

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

```
.background{ background-color: rgb(211, 15,  
118) }
```

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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