

Converting Colors

YUV(85.8440, 30.6429, 65.0348)

Have a look what the booklet for
YUV(85.8440, 30.6429, 65.0348)
contains.

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Color

**YUV(85.8440, 30.6429,
65.0348)**

Conversions

Conversions Part 1

Format	Color
Hex	A02494
RGB	160, 36, 148
RGB Percent	63%, 14%, 58%
CMY	0.3725, 0.8588, 0.4196
CMYK	0.00, 0.78, 0.07, 0.37
HSL	306°, 63%, 38%
HSV	306°, 78%, 63%
XYZ	20.4734, 10.8735, 29.0367
YIQ	85.8440, 37.9520, 61.1200

Conversions

Conversions Part 2

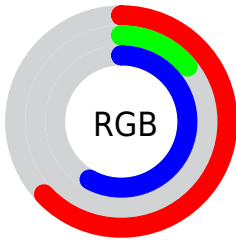
Format	Color
R_{YB}	160, 36, 148
Decimal	10495124
CIE _{Lab}	39.37, 61.07, -33.27
CIE _{LCh}	39, 69.550, 331.418
Yxy	10.8735, 0.3391, 0.1801
Android (android.graphics.Color)	4288685204 (0xFFA02494)
YUV	85.8440, 30.6429, 65.0348
Hunter-Lab	32.9749, 53.1205, -29.1265

Details

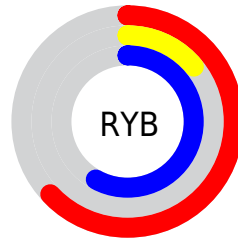
The YUV color **85.8440, 30.6429, 65.0348** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **110.1560, -30.6429, -65.0348**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0890, 29.0431, 64.8199**, and **42.1540, 27.0391, 54.2389** is the 20% darker color. If you saturate the color by 10%, you get **76.2240, 34.3996, 73.4716**, and if you desaturate by 10%, it is **95.4640, 26.8862, 56.5981**.

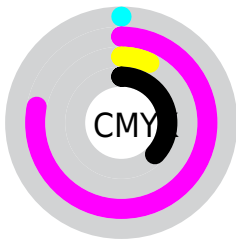
Distribution



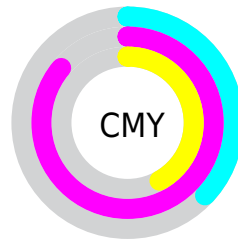
- Red (63%)
- Green (14%)
- Blue (58%)



- Red (63%)
- Yellow (14%)
- Blue (58%)



- Cyan (0%)
- Magenta (78%)
- Yellow (7%)
- Black (37%)





- Cyan (37%)
- Magenta (86%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.8440, 30.6429, 65.0348 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 85.8440, 30.6429, 65.0348 by changing the saturation by 10% instead.


 85.8440, 30.6429,
65.0348


 85.8440, 30.6429,
65.0348


255.0000, 0.0000,
0.0000


 53.3760, 33.8316,
68.9532


 144.0890, 29.0431,
64.8199


 42.1540, 27.0391,
54.2389


 172.6870, 28.7483,
66.0495


 31.2310, 20.0991,
40.1394

 193.9520, 30.0967,
53.5391

 21.8460, 13.8799,
28.1991

 210.9750, 21.7043,
38.6099

 9.0580, 8.8454,
9.5961

 227.4110, 13.6014,
24.1956

 0.0000, 0.0000,
0.0000

 245.0210, 4.9196,

8.7516

■ 85.8440, 30.6429,
65.0348

■ 85.8440, 30.6429,
65.0348

■ 76.2240, 34.3996,
73.4716

■ 95.4640, 26.8862,
56.5981

■ 66.7180, 38.5930,
81.8083

■ 104.9700, 22.6928,
48.2613

■ 64.3700, 39.7506,
83.8675

■ 114.5900, 18.9361,
39.8246

■ 124.0960, 14.7427,
31.4878

■ 133.7160, 10.9860,
23.0511

■ 143.2220, 6.7926,
14.7143

■ 152.8420, 3.0359,
6.2776

■ 162.3480, -1.1576,
-2.0592

■ 171.9680, -4.9142,
-10.4959

Harmonies

Analogous

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



92.1000, 48.7577, -5.3497



85.8440, 30.6429, 65.0348



66.5150, 13.0571, 105.6653

Triad

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



85.8440, 30.6429, 65.0348



87.4920, -43.1336, 21.4935



85.3060, 32.3871, -74.8134

Complementary

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



85.8440, 30.6429, 65.0348



110.1560, -30.6429, -65.0348

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.



78.8080, 7.4897, -69.1146



85.8440, 30.6429, 65.0348



77.7700, -38.3406, -22.6003

Square

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



85.8440, 30.6429, 65.0348



85.6740, -42.2373, 60.7989



69.9790, -18.7236, -61.3716



87.7460, 51.8902, -76.9532

Rectangle

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



85.8440, 30.6429, 65.0348



62.8840, -3.3938, 108.8497



69.9790, -18.7236, -61.3716



83.2540, 24.5248, -73.0138

Sweetspot

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



85.8440, 30.6429, 65.0348



180.2540, 11.7068, 25.2102



53.1260, 52.6889, -6.2495



87.0480, 7.3713, 15.7439



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



85.8440, 30.6429, 65.0348



92.9560, 47.8427, 101.7706



79.0040, 4.4350, 71.0335



74.1900, 1.8783, 4.2184



57.4630, 35.2677, 75.0159



6.0810, 3.9041, 7.8220

Inverse Universe

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



85.8440, 30.6429, 65.0348



92.9560, 47.8427, 101.7706



116.9960, -4.4350, -71.0335



74.1900, 1.8783, 4.2184



57.4630, 35.2677, 75.0159



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 85.8440, 30.6429, 65.0348 looks on a white background.

Color Contrast Check

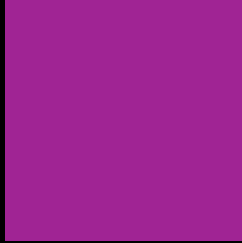
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.8440, 30.6429, 65.0348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

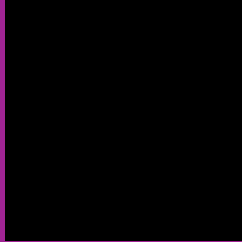
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.8440, 30.6429, 65.0348

Background



This preview shows how black text looks on a background with the YUV color 85.8440, 30.6429, 65.0348.



This preview shows how white text looks on a background with the YUV color 85.8440, 30.6429,

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

85.8440, 30.6429, 65.0348

Protanopia

74.8320, 58.2568, -65.6277

Deuteranopia

92.3780, 23.4776, -16.9945



Tritanopia

91.5830, -10.6404, 52.9857

Trichromacy



Original Color

85.8440, 30.6429, 65.0348



Protanomaly

78.6100, 48.5063, -18.0750



Deuteranomaly

89.9610, 26.1482, 13.1892



Tritanomaly

89.2150, 4.3310, 57.6934

Monochromacy



Original Color

85.8440, 30.6429, 65.0348



Achromatopsia

86.0000, 0.0000, 0.0000



Achromatomaly

86.1290, 11.2754, 23.5659

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8440, 30.6429, 65.0348 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(160, 36, 148)` looks like.

```
.text, #text, p{  
    color:rgb(160, 36, 148)  
}
```

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(160, 36, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 36, 148) }
```

Border

The CSS property to change the border of an element to YUV 85.8440, 30.6429, 65.0348 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(160, 36, 148) }
```


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

```
.border{ border-color:rgb(160, 36, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 36, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 36, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 36, 148);  
box-shadow:4px 4px 4px 4px rgb(160, 36,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 85.8440, 30.6429, 65.0348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 36, 148) }
```

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

```
.background{ background-color: rgb(160, 36,  
148) }
```

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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