

Converting Colors

YUV(132.7600, 34.6283,
46.6915)

Have a look what the booklet for
YUV(132.7600, 34.6283, 46.6915)
contains.

YUV(132.7600, 34.6283, 46.6915)	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(132.7600, 34.6283,
46.6915)**

Conversions

Conversions Part 1

Format	Color
Hex	BA5CCB
RGB	186, 92, 203
RGB Percent	73%, 36%, 80%
CMY	0.2706, 0.6392, 0.2039
CMYK	0.08, 0.55, 0.00, 0.20
HSL	291°, 52%, 58%
HSV	291°, 55%, 80%
XYZ	34.8563, 22.4052, 58.9874
YIQ	132.7600, 20.3930, 54.4490

Conversions

Conversions Part 2

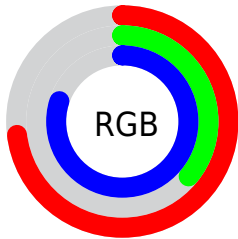
Format	Color
RYB	186, 92, 203
Decimal	12213451
CIELab	54.45, 54.21, -41.57
CIELCh	54, 68.312, 322.519
Yxy	22.4052, 0.2998, 0.1927
Android (android.graphics.Color)	4290403531 (0xFFBA5CCB)
YUV	132.7600, 34.6283, 46.6915
Hunter-Lab	47.3341, 48.6108, -40.7528

Details

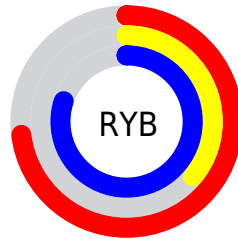
The YUV color **132.7600, 34.6283, 46.6915** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **162.2400, -34.6283, -46.6915**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.7280, 33.1651, 49.3505**, and **77.4610, 34.7757, 46.0767** is the 20% darker color. If you saturate the color by 10%, you get **120.1230, 40.8584, 55.1431**, and if you desaturate by 10%, it is **145.3970, 28.3983, 38.2398**.

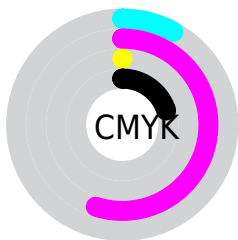
Distribution



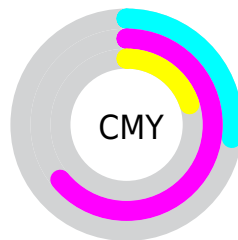
- Red (73%)
- Green (36%)
- Blue (80%)



- Red (73%)
- Yellow (36%)
- Blue (80%)



- Cyan (8%)
- Magenta (55%)
- Yellow (0%)
- Black (20%)




- Cyan (27%)
- Magenta (64%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 132.7600, 34.6283, 46.6915 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 132.7600, 34.6283, 46.6915 by changing the saturation by 10% instead.


 132.7600, 34.6283,
46.6915


 132.7600, 34.6283,
46.6915


255.0000, 0.0000,
0.0000


 105.3470, 34.3389,
46.1767


 187.7280, 33.1651,
49.3505


 77.4610, 34.7757,
46.0767


 207.4530, 23.4407,
41.6987


 44.7050, 38.1064,
51.1247

 223.8890, 15.3377,
27.2843

 33.7820, 31.1665,
37.0252

 240.9120, 6.9454,
12.3552

 23.4570, 23.9317,
24.1552

 13.0610, 17.7179,
10.4705

 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 132.7600, 34.6283,
46.6915

■ 132.7600, 34.6283,
46.6915

■ 120.1230, 40.8584,
55.1431

■ 145.3970, 28.3983,
38.2398

■ 106.8990, 47.3778,
64.1096

■ 158.6210, 21.8788,
29.2734

■ 94.2620, 53.6078,
72.5612

■ 171.2580, 15.6488,
20.8217

■ 81.6250, 59.8379,
81.0129

■ 183.8950, 9.4188,
12.3701

■ 74.5700, 63.3160,
85.4461

■ 197.4180, 2.7519,
4.0184

■ 210.0550, -3.4781,
-4.4332

■ 222.6920, -9.7082,
-12.8849

■ 235.3290,
-15.9382, -21.3365

■ 236.8130,
-16.6698, -20.0070

Harmonies

Analogous

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



126.4930, 55.9590, -28.4964



132.7600, 34.6283, 46.6915



124.0740, 11.7955, 90.2661

Triad

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



132.7600, 34.6283, 46.6915



122.1450, -60.2175, 41.0918



111.9950, 30.5685, -98.2196

Complementary

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



132.7600, 34.6283, 46.6915



162.2400, -34.6283, -46.6915

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.



104.4540, 4.2132, -91.6062



132.7600, 34.6283, 46.6915



116.2660, -57.3191, -1.9873

Square

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



132.7600, 34.6283, 46.6915



123.7900, -44.7595, 76.4832



98.1530, -22.7534, -75.5562



115.3470, 53.5659, -101.1593

Rectangle

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



132.7600, 34.6283, 46.6915



120.4330, -6.1295, 99.5983



98.1530, -22.7534, -75.5562



109.7150, 21.8325, -96.2201

Sweetspot

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



132.7600, 34.6283, 46.6915



229.1390, 12.7495, 17.4181



115.8070, 42.9861, -20.8787



112.1290, 7.8244, 10.4109



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.



132.7600, 34.6283, 46.6915



148.6100, 52.4503, 70.5020



133.6250, 15.9609, 60.8419



95.5320, 3.1887, 3.9184



60.7840, 51.8715, 69.4724



13.9000, 11.8813, 15.8737

Inverse Universe

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



127.1270, -8.9366, 66.5406



140.0820, -13.8444, 100.7831



161.3750, -15.9609, -60.8419



95.1040, -1.0373, 6.0478



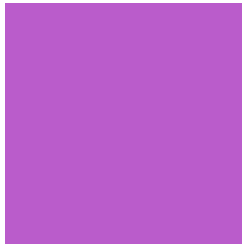
52.4840, -13.5496, 99.5535



12.0460, -2.9807, 22.7617

Previews

White Background



This preview shows how the YUV color 132.7600, 34.6283, 46.6915 looks on a white background.

Color Contrast Check

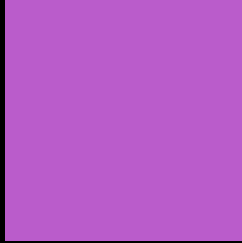
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.7600, 34.6283, 46.6915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

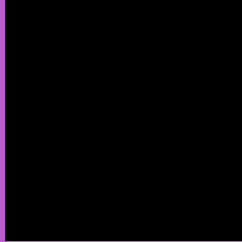
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.7600, 34.6283, 46.6915

Background



This preview shows how black text looks on a background with the YUV color 132.7600, 34.6283, 46.6915.



This preview shows how white text looks on a background with the YUV color 132.7600, 34.6283, 46.6915.

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

132.7600, 34.6283, 46.6915

Protanopia

124.9600, 54.2497, -40.3069

Deuteranopia

128.5540, 33.2509, -25.0419



Tritanopia

132.5640, -5.2081, 37.2164

Trichromacy



Original Color

132.7600, 34.6283, 46.6915



Protanomaly

127.6220, 47.0214, -8.4385



Deuteranomaly

129.9470, 34.0431, 0.9235



Tritanomaly

132.3700, 9.1846, 40.8945

Monochromacy



Original Color

132.7600, 34.6283, 46.6915



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.7260, 12.4601, 16.9033

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.7600, 34.6283, 46.6915 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(186, 92, 203)` looks like.

```
.text, #text, p{  
    color:rgb(186, 92, 203)  
}
```

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(186, 92, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 92, 203) }
```

Border

The CSS property to change the border of an element to YUV 132.7600, 34.6283, 46.6915 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(186, 92, 203) }
```


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

```
.border{ border-color:rgb(186, 92, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 92, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 92, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 92, 203);  
box-shadow:4px 4px 4px 4px rgb(186, 92,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 132.7600, 34.6283, 46.6915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 92, 203) }
```

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

```
.background{ background-color: rgb(186, 92,  
203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor