

# Converting Colors

YUV(136.3930, 24.4563,  
42.6283)

Have a look what the booklet for  
YUV(136.3930, 24.4563, 42.6283)  
contains.

<b>YUV(136.3930, 24.4563, 42.6283)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(136.3930, 24.4563,  
42.6283)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B966BA
RGB	185, 102, 186
RGB Percent	73%, 40%, 73%
CMY	0.2745, 0.6000, 0.2706
CMYK	0.01, 0.45, 0.00, 0.27
HSL	299°, 38%, 56%
HSV	299°, 45%, 73%
XYZ	33.6219, 23.3622, 49.1917
YIQ	136.3930, 22.5040, 43.7200

# Conversions

## Conversions Part 2

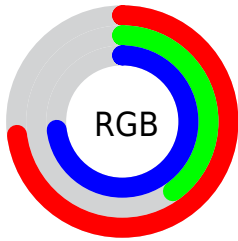
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">185, 102, 186</a>
Decimal	<a href="#">12150458</a>
CIELab	<a href="#">55.44, 45.67, -30.29</a>
CIELCh	<a href="#">55, 54.799, 326.450</a>
Yxy	<a href="#">23.3622, 0.3167, 0.2200</a>
Android (android.graphics.Color)	<a href="#">4290340538 (0xFFB966BA)</a>
YUV	<a href="#">136.3930, 24.4563, 42.6283</a>
Hunter-Lab	<a href="#">48.3345, 39.5809, -26.5074</a>

# Details

The YUV color **136.3930, 24.4563, 42.6283** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **151.6070, -24.4563, -42.6283**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2300, 25.0296, 45.4023**, and **83.2680, 24.0249, 40.9840** is the 20% darker color. If you saturate the color by 10%, you get **125.2400, 29.9547, 52.4095**, and if you desaturate by 10%, it is **147.5460, 18.9578, 32.8472**.

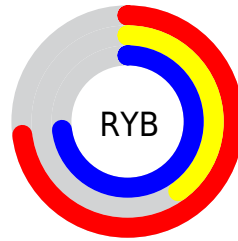
# Distribution



Red (73%)

Green (40%)

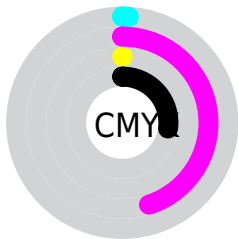
Blue (73%)



Red (73%)

Yellow (40%)

Blue (73%)

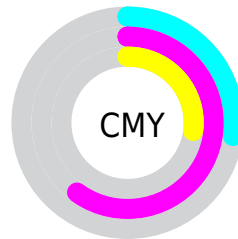


Cyan (1%)

Magenta (45%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (60%)


Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 136.3930, 24.4563, 42.6283 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 136.3930, 24.4563, 42.6283 by changing the saturation by 10% instead.





 136.3930, 24.4563,  
42.6283


 136.3930, 24.4563,  
42.6283


255.0000, 0.0000,  
0.0000


 109.6810, 24.3143,  
41.4988


 191.2300, 25.0296,  
45.4023


 83.2680, 24.0249,  
40.9840


 212.7360, 20.8362,  
37.0655


 56.4960, 24.8985,  
40.7840

 229.1720, 12.7332,  
22.6512

 32.3710, 24.4671,  
39.1396

 246.1950, 4.3409,  
7.7220

 22.5730, 17.9585,  
26.6845

 12.8890, 11.8867,  
14.1293

 1.3680, 5.2416,

-1.1997

0.0000, 0.0000,  
0.0000

136.3930, 24.4563,  
42.6283

136.3930, 24.4563,  
42.6283

125.2400, 29.9547,  
52.4095

147.5460, 18.9578,  
32.8472

114.6740, 35.1637,  
61.6759

158.1120, 13.7488,  
23.5808

103.2220, 40.8096,  
70.8423

169.5640, 8.1029,  
14.4144

92.6560, 46.0186,  
80.1087

180.1300, 2.8939,  
5.1480

81.5030, 51.5170,  
89.8899

191.2830, -2.6045,  
-4.6332

76.2200, 54.1215,  
94.5231

202.4360, -8.1029,  
-14.4144

213.3010,  
-13.4594, -23.0660

224.4540,  
-18.9578, -32.8472

226.8020,  
-20.1154, -34.9064

# Harmonies

## Analogous

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



133.8300, 41.4958, -9.4979



136.3930, 24.4563, 42.6283



131.9010, 3.9928, 72.8778

# Triad

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



136.3930, 24.4563, 42.6283



127.3530, -48.9810, 30.3854



110.8210, 31.1472, -97.1900

# Complementary

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



136.3930, 24.4563, 42.6283



151.6070, -24.4563, -42.6283

# 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.



105.2350, 9.7441, -92.2911



136.3930, 24.4563, 42.6283



123.0710, -41.4470, -6.2013

# Square

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



136.3930, 24.4563, 42.6283



129.8140, -37.8693, 59.7991



112.1800, -16.8507, -55.4089



112.6910, 48.4663, -98.8300



# Rectangle

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



136.3930, 24.4563, 42.6283



130.1500, -10.4269, 77.9215



112.1800, -16.8507, -55.4089



109.5840, 23.8691, -96.1052

# Sweetspot

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



136.3930, 24.4563, 42.6283



222.0420, 9.8393, 17.5032



112.1630, 36.4016, -8.9130



110.2600, 5.7878, 10.2960



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



136.3930, 24.4563, 42.6283



164.8040, 38.0576, 66.8239



132.0180, 6.4001, 47.3422



86.7170, 2.6045, 4.6332



63.8300, 45.4398, 79.0791



11.5640, 8.1029, 14.4144



# Inverse Universe

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



127.2300, -11.9454, 51.5413



150.3970, -18.4367, 80.3358



155.9820, -6.4001, -47.3422



85.6910, -1.3267, 5.5330



46.8720, -22.1219, 95.7053



8.3720, -4.1274, 17.2138



# Previews

## White Background



This preview shows how the YUV color 136.3930, 24.4563, 42.6283 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

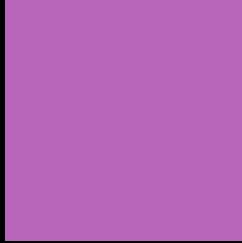
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 136.3930, 24.4563, 42.6283 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

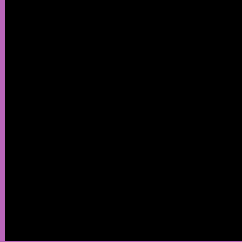
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 136.3930, 24.4563, 42.6283

## Background



This preview shows how black text looks on a background with the YUV color 136.3930, 24.4563, 42.6283.



This preview shows how white text looks on a background with the YUV color 136.3930, 24.4563,



# 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

136.3930, 24.4563, 42.6283

### Protanopia

131.9330, 38.4870, -24.4972

### Deuteranopia

133.1120, 23.6088, -12.3762



## Tritanopia

135.2650, -5.0606, 36.6016

# Trichromacy



## Original Color

136.3930, 24.4563, 42.6283

## Protanomaly

133.1210, 33.4643, -0.1061

## Deuteranomaly

134.0590, 24.1279, 7.8413

## Tritanomaly

135.7350, 5.5536, 38.8204

# Monochromacy



## Original Color

136.3930, 24.4563, 42.6283

## Achromatopsia

136.0000, 0.0000, 0.0000

## Achromatomaly

136.3900, 8.6817, 15.4440

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 136.3930, 24.4563, 42.6283 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(185, 102, 186)` looks like.

```
.text, #text, p{  
    color:rgb(185, 102, 186)  
}
```

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(185, 102, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 102, 186) }
```

## Border

The CSS property to change the border of an element to YUV 136.3930, 24.4563, 42.6283 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(185, 102, 186) }
```



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

```
.border{ border-color:rgb(185, 102, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 102, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 102, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 102, 186);  
box-shadow:4px 4px 4px 4px rgb(185, 102,  
186) }
```

# Background

The CSS property to change the background color of an element to YUV 136.3930, 24.4563, 42.6283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 102, 186) }
```

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

```
.background{ background-color: rgb(185,  
102, 186) }
```

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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