

# Converting Colors

YUV(120.9400, 14.8196,  
53.5496)

Have a look what the booklet for  
YUV(120.9400, 14.8196, 53.5496)  
contains.

<b>YUV(120.9400, 14.8196, 53.5496)</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(120.9400, 14.8196,  
53.5496)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B65497
RGB	182, 84, 151
RGB Percent	71%, 33%, 59%
CMY	0.2863, 0.6706, 0.4078
CMYK	0.00, 0.54, 0.17, 0.29
HSL	319°, 40%, 52%
HSV	319°, 54%, 71%
XYZ	28.0476, 18.5201, 31.3746
YIQ	120.9400, 36.9010, 41.6130

# Conversions

## Conversions Part 2

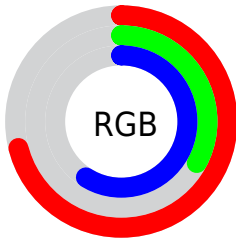
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 84, 151
Decimal	11949207
CIE <sub>Lab</sub>	50.12, 47.88, -18.10
CIE <sub>LCh</sub>	50, 51.184, 339.293
Yxy	18.5201, 0.3599, 0.2376
Android (android.graphics.Color)	4290139287 (0xFFB65497)
YUV	120.9400, 14.8196, 53.5496
Hunter-Lab	43.0350, 41.0245, -13.1008

# Details

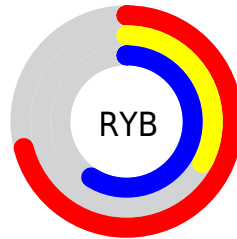
The YUV color **120.9400, 14.8196, 53.5496** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **145.0600, -14.8196, -53.5496**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.5490, 14.5193, 56.5235**, and **66.0970, 16.7142, 52.5349** is the 20% darker color. If you saturate the color by 10%, you get **109.6900, 17.4078, 63.4159**, and if you desaturate by 10%, it is **132.1900, 12.2313, 43.6834**.

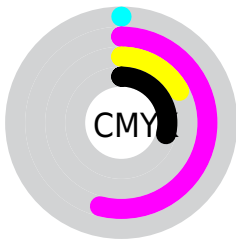
# Distribution



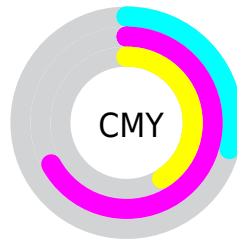
- Red (71%)
- Green (33%)
- Blue (59%)



- Red (71%)
- Yellow (33%)
- Blue (59%)



- Cyan (0%)
- Magenta (54%)
- Yellow (17%)
- Black (29%)



- Cyan (29%)
- Magenta (67%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 120.9400, 14.8196, 53.5496 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 120.9400, 14.8196, 53.5496 by changing the saturation by 10% instead.



120.9400, 14.8196,  
53.5496

120.9400, 14.8196,  
53.5496

255.0000, 0.0000,  
0.0000

94.3420, 15.1144,  
52.3201

175.5490, 14.5193,  
56.5235

66.0970, 16.7142,  
52.5349

199.7760, 16.8724,  
48.4314

38.5640, 18.4559,  
53.8794

218.6060, 17.9422,  
31.9175

27.8690, 12.3896,  
39.5799

235.0420, 9.8393,  
17.5032

18.8970, 6.4598,  
28.1543

252.0650, 1.4470,  
2.5740

3.9300, -0.4585,  
7.0774

0.0000, 0.0000,

0.0000

■ 120.9400, 14.8196,  
53.5496

■ 120.9400, 14.8196,  
53.5496

■ 109.6900, 17.4078,  
63.4159

■ 132.1900, 12.2313,  
43.6834

■ 98.4400, 19.9961,  
73.2821

■ 143.4400, 9.6431,  
33.8171

■ 86.7170, 23.3105,  
83.5632

■ 155.1630, 6.3286,  
23.5360

■ 75.4670, 25.8988,  
93.4294

■ 166.4130, 3.7404,  
13.6698

■ 68.5540, 27.3349,  
99.4921

■ 177.6630, 1.1521,  
3.8035

■ 188.9130, -1.4361,  
-6.0627

■ 200.0490, -4.4612,  
-15.8290

■ 211.8860, -7.3388,  
-26.2100

■ 223.1360, -9.9270,  
-36.0763

# Harmonies

## Analogous

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



122.7530, 31.6738, 14.2486



120.9400, 14.8196, 53.5496



117.1860, -5.0217, 70.8739

# Triad

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



120.9400, 14.8196, 53.5496



112.1060, -44.4223, 14.8160



101.3150, 35.3407, -88.8533

# Complementary

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



120.9400, 14.8196, 53.5496



145.0600, -14.8196, -53.5496

# 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.



97.2280, 17.1426, -85.2690



120.9400, 14.8196, 53.5496



107.3600, -29.7575, -22.2407

# Square

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



120.9400, 14.8196, 53.5496



115.7320, -40.2939, 44.0850



90.9240, -1.9345, -79.7403



100.2840, 49.1600, -87.9491



# Rectangle

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



120.9400, 14.8196, 53.5496



116.3310, -18.4042, 69.8697



90.9240, -1.9345, -79.7403



100.5340, 29.8097, -88.1683

# Sweetspot

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



120.9400, 14.8196, 53.5496



213.3260, 5.7553, 20.7621



103.8430, 38.5314, 8.0307



105.7010, 3.5984, 12.5402



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



120.9400, 14.8196, 53.5496



141.0160, 23.1631, 84.1780



115.5820, -5.7099, 58.2486



86.3750, 1.2941, 4.9331



58.7280, 23.3051, 85.3075



10.5380, 4.1718, 15.3142



# Inverse Universe

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



120.9400, 14.8196, 53.5496



141.0160, 23.1631, 84.1780



150.4180, 5.7099, -58.2486



86.3750, 1.2941, 4.9331



58.7280, 23.3051, 85.3075



10.5380, 4.1718, 15.3142



# Previews

## White Background



This preview shows how the YUV color 120.9400, 14.8196, 53.5496 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

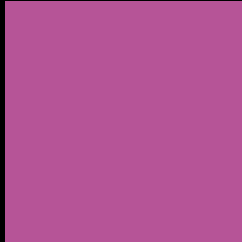
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 120.9400, 14.8196, 53.5496 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

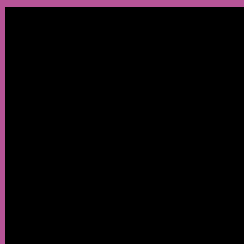
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 120.9400, 14.8196, 53.5496

## Background



This preview shows how black text looks on a background with the YUV color 120.9400, 14.8196, 53.5496.



This preview shows how white text looks on a background with the YUV color 120.9400, 14.8196, 53.5496.



# 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

120.9400, 14.8196, 53.5496

### Protanopia

119.2300, 27.9876, -16.8647

### Deuteranopia

120.9040, 12.3723, -1.6698



## Tritanopia

120.3160, -9.0298, 49.7119

# Trichromacy



## Original Color

120.9400, 14.8196, 53.5496

## Protanomaly

120.1300, 23.1069, 8.6560

## Deuteranomaly

120.9650, 13.3283, 18.4477

## Tritanomaly

120.6180, -0.3047, 51.2010

# Monochromacy



## Original Color

120.9400, 14.8196, 53.5496

## Achromatopsia

121.0000, 0.0000, 0.0000

## Achromatomaly

121.2010, 5.3239, 19.1177

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 120.9400, 14.8196, 53.5496 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(182, 84, 151)` looks like.

```
.text, #text, p{  
    color:rgb(182, 84, 151)  
}
```

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(182, 84, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 84, 151) }
```

## Border

The CSS property to change the border of an element to YUV 120.9400, 14.8196, 53.5496 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(182, 84, 151) }
```



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

```
.border{ border-color:rgb(182, 84, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 84, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 84, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 84, 151);  
box-shadow:4px 4px 4px 4px rgb(182, 84,  
151) }
```

# Background

The CSS property to change the background color of an element to YUV 120.9400, 14.8196, 53.5496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 84, 151) }
```

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

```
.background{ background-color: rgb(182, 84,  
151) }
```

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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