

# Converting Colors

YUV(146.6600, 19.3946,  
32.7472)

Have a look what the booklet for  
YUV(146.6600, 19.3946, 32.7472)  
contains.

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# Color

**YUV(146.6600, 19.3946,  
32.7472)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B878BA
RGB	184, 120, 186
RGB Percent	72%, 47%, 73%
CMY	0.2784, 0.5294, 0.2706
CMYK	0.01, 0.35, 0.00, 0.27
HSL	298°, 32%, 60%
HSV	298°, 35%, 73%
XYZ	35.3466, 27.1685, 49.8354
YIQ	146.6600, 16.9580, 34.0940

# Conversions

## Conversions Part 2

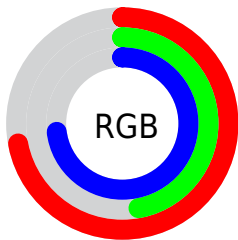
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 120, 186
Decimal	12089530
CIELab	59.13, 35.73, -24.60
CIELCh	59, 43.374, 325.453
Yxy	27.1685, 0.3146, 0.2418
Android (android.graphics.Color)	4290279610 (0xFFB878BA)
YUV	146.6600, 19.3946, 32.7472
Hunter-Lab	52.1234, 29.8308, -20.2011

# Details

The YUV color **146.6600, 19.3946, 32.7472** is a light color, and the websafe version is hex **996699**. A complement of this color would be **159.3400, -19.3946, -32.7472**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.1980, 20.1154, 34.9064**, and **95.1220, 18.6739, 30.5880** is the 20% darker color. If you saturate the color by 10%, you get **135.2080, 25.0405, 41.9136**, and if you desaturate by 10%, it is **158.1120, 13.7488, 23.5808**.

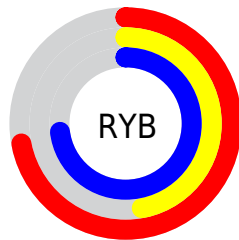
# Distribution



Red (72%)

Green (47%)

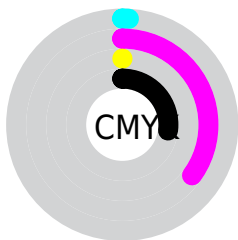
Blue (73%)



Red (72%)

Yellow (47%)

Blue (73%)

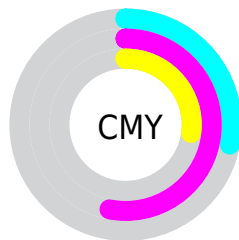


Cyan (1%)

Magenta (35%)

Yellow (0%)

Black (27%)



Cyan (28%)

Magenta (53%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 146.6600, 19.3946, 32.7472 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 146.6600, 19.3946, 32.7472 by changing the saturation by 10% instead.



146.6600, 19.3946,  
32.7472

146.6600, 19.3946,  
32.7472

255.0000, 0.0000,  
0.0000

119.9480, 19.2526,  
31.6176

201.1980, 20.1154,  
34.9064

95.1220, 18.6739,  
30.5880

223.3020, 15.6271,  
27.7991

69.7090, 18.3845,  
30.0732

240.3250, 7.2348,  
12.8700

45.1110, 18.6793,  
28.8437

22.8720, 17.8111,  
27.2993

14.7970, 11.4391,  
17.7180

2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,  
0.0000

■ 146.6600, 19.3946,  
32.7472

■ 146.6600, 19.3946,  
32.7472

■ 135.2080, 25.0405,  
41.9136

■ 158.1120, 13.7488,  
23.5808

■ 124.6420, 30.2495,  
51.1800

■ 168.6780, 8.5397,  
14.3144

■ 113.1900, 35.8953,  
60.3464

■ 180.1300, 2.8939,  
5.1480

■ 102.6240, 41.1044,  
69.6128

■ 190.6960, -2.3151,  
-4.1184

■ 91.1720, 46.7502,  
78.7792

■ 202.1480, -7.9610,  
-13.2848

■ 80.0190, 52.2486,  
88.5603

■ 213.3010,  
-13.4594, -23.0660

■ 75.0240, 54.7112,  
92.0640

■ 224.1660,  
-18.8158, -31.7176

■ 227.4000,  
-20.4102, -33.6768

# Harmonies

## Analogous

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



143.9630, 33.0492, -6.9836



146.6600, 19.3946, 32.7472



145.0470, 2.4418, 56.9638

# Triad

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



146.6600, 19.3946, 32.7472



139.1320, -37.0401, 27.0712



114.3430, 29.4109, -100.2788

# Complementary

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



146.6600, 19.3946, 32.7472



159.3400, -19.3946, -32.7472

# 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.



109.8970, 12.3758, -96.3797



146.6600, 19.3946, 32.7472



135.9110, -32.0011, -2.5529

# Square

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



146.6600, 19.3946, 32.7472



141.5230, -29.8378, 50.4073



129.6320, -15.5946, -38.2653



115.4150, 43.6724, -101.2190



# Rectangle

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



146.6600, 19.3946, 32.7472



143.2790, -9.5045, 62.0223



129.6320, -15.5946, -38.2653



113.4480, 23.4431, -99.4939

# Sweetspot

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



146.6600, 19.3946, 32.7472



226.4390, 7.6716, 12.7700



128.6980, 28.2499, -7.6281



112.6080, 4.6303, 8.2368



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.



146.6600, 19.3946, 32.7472



180.0550, 30.5389, 51.6948



143.7240, 5.5591, 37.0761



86.7170, 2.6045, 4.6332



62.9330, 45.8820, 77.2348



11.2650, 8.2504, 13.7996



# Inverse Universe

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



139.9620, -8.8553, 40.3753



169.4380, -14.0199, 63.6369



162.2760, -5.5591, -37.0761



85.6910, -1.3267, 5.5330



47.2140, -20.8115, 95.4053



8.4860, -3.6906, 17.1138



# Previews

## White Background



This preview shows how the YUV color 146.6600, 19.3946, 32.7472 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

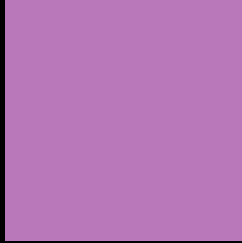
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 146.6600, 19.3946, 32.7472 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

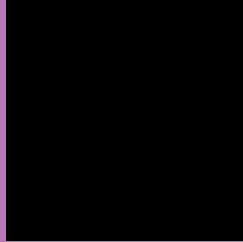
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 146.6600, 19.3946, 32.7472

## Background



This preview shows how black text looks on a background with the YUV color 146.6600, 19.3946, 32.7472.



This preview shows how white text looks on a background with the YUV color 146.6600, 19.3946,



# 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

146.6600, 19.3946, 32.7472

### Protanopia

142.8710, 29.1506, -16.5499

### Deuteranopia

143.5920, 18.9351, -6.6582



## Tritanopia

145.3780, -3.1444, 28.6095

# Trichromacy



## Original Color

146.6600, 19.3946, 32.7472

## Protanomaly

144.0690, 25.6020, 1.6935

## Deuteranomaly

144.6800, 18.8918, 7.2966

## Tritanomaly

145.5660, 5.1440, 30.1986

# Monochromacy



## Original Color

146.6600, 19.3946, 32.7472

## Achromatopsia

147.0000, 0.0000, 0.0000

## Achromatomaly

146.6130, 7.0928, 11.7404

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 146.6600, 19.3946, 32.7472 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(184, 120, 186)` looks like.

```
.text, #text, p{  
    color:rgb(184, 120, 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(184, 120, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 120, 186) }
```

## Border

The CSS property to change the border of an element to YUV 146.6600, 19.3946, 32.7472 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(184, 120, 186) }
```



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

```
.border{ border-color:rgb(184, 120, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 120, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 120, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 120, 186);  
box-shadow:4px 4px 4px 4px rgb(184, 120,  
186) }
```

# Background

The CSS property to change the background color of an element to YUV 146.6600, 19.3946, 32.7472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 120, 186) }
```

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

```
.background{ background-color: rgb(184,  
120, 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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