

# Converting Colors

YUV(106.6550, 30.2431, 6.4416)

Have a look what the booklet for  
YUV(106.6550, 30.2431, 6.4416)  
contains.

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# Color

**YUV(106.6550, 30.2431,  
6.4416)**

# Conversions

## Conversions Part 1

Format	Color
Hex	725BA8
RGB	114, 91, 168
RGB Percent	45%, 36%, 66%
CMY	0.5529, 0.6431, 0.3412
CMYK	0.32, 0.46, 0.00, 0.34
HSL	258°, 31%, 51%
HSV	258°, 46%, 66%
XYZ	17.7484, 13.8867, 38.7908
YIQ	106.6550, -11.0090, 28.8230

# Conversions

## Conversions Part 2

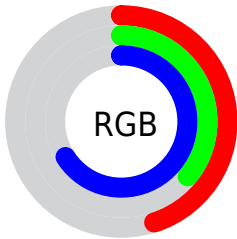
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 91, 168
Decimal	7494568
CIE <sub>Lab</sub>	44.07, 26.87, -38.21
CIE <sub>LCh</sub>	44, 46.711, 305.109
Yxy	13.8867, 0.2520, 0.1972
Android (android.graphics.Color)	4285684648 (0xFF725BA8)
YUV	106.6550, 30.2431, 6.4416
Hunter-Lab	37.2649, 19.8018, -35.6323

# Details

The YUV color **106.6550, 30.2431, 6.4416** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **152.3450, -30.2431, -6.4416**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.1220, 31.9849, 7.7860**, and **58.0630, 28.0699, 3.4527** is the 20% darker color. If you saturate the color by 10%, you get **93.0880, 36.9316, 7.8158**, and if you desaturate by 10%, it is **120.2220, 23.5546, 5.0673**.

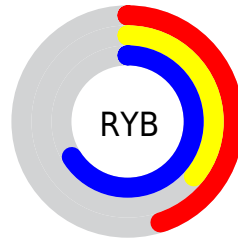
# Distribution



Red (45%)

Green (36%)

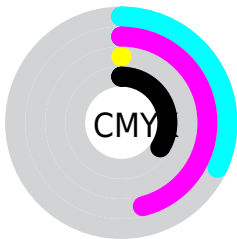
Blue (66%)



Red (45%)

Yellow (36%)

Blue (66%)

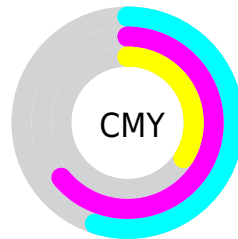


Cyan (32%)

Magenta (46%)

Yellow (0%)

Black (34%)



Cyan (55%)

Magenta (64%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 106.6550, 30.2431, 6.4416 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 106.6550, 30.2431, 6.4416 by changing the saturation by 10% instead.



106.6550, 30.2431,  
6.4416

106.6550, 30.2431,  
6.4416

255.0000, 0.0000,  
0.0000

81.7150, 29.2275,  
5.5119

159.1220, 31.9849,  
7.7860

58.0630, 28.0699,  
3.4527

185.9480, 32.5636,  
8.8156

34.5250, 27.3492,  
1.2936

210.5110, 21.9331,  
11.8299

10.2150, 27.5020,  
-1.0656

235.9170, 9.4079,  
15.8588

6.1900, 18.6403,  
-5.4286

253.2390, 0.8682,  
1.5444

3.0950, 9.3202,  
-2.7143

0.0000, 0.0000,

0.0000

■ 106.6550, 30.2431,  
6.4416

■ 106.6550, 30.2431,  
6.4416

■ 93.0880, 36.9316,  
7.8158

■ 120.2220, 23.5546,  
5.0673

■ 79.5210, 43.6201,  
9.1901

■ 133.7890, 16.8660,  
3.6930

■ 66.8400, 49.8719,  
10.6643

■ 146.4700, 10.6143,  
2.2188

■ 53.2730, 56.5604,  
12.0386

■ 160.0370, 3.9258,  
0.8446

■ 39.7060, 63.2489,  
13.4128

■ 173.6040, -2.7628,  
-0.5297

■ 34.1020, 66.0117,  
13.9425

■ 187.1710, -9.4513,  
-1.9040

■ 200.4390,  
-15.9924, -3.8930

■ 213.4190,  
-22.3916, -4.7525

■ 226.9860,  
-29.0801, -6.1267

# Harmonies

## Analogous

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



88.0530, 46.3159, -62.3135



106.6550, 30.2431, 6.4416



106.4010, 15.5783, 43.4983

# Triad

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



106.6550, 30.2431, 6.4416



101.2140, -34.6155, 42.7853



84.7410, 12.4527, -74.3179

# Complementary

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



106.6550, 30.2431, 6.4416



152.3450, -30.2431, -6.4416

# 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.



78.4200, -4.1511, -68.7743



106.6550, 30.2431, 6.4416



98.1540, -40.5019, 17.4049

# Square

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



106.6550, 30.2431, 6.4416



101.9230, -19.6820, 59.7035



94.8170, -29.4898, -14.7485



88.4860, 29.3404, -77.6022



# Rectangle

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



106.6550, 30.2431, 6.4416



103.5140, 4.1836, 58.3082



94.8170, -29.4898, -14.7485



82.5580, 6.6269, -72.4034

# Sweetspot

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



106.6550, 30.2431, 6.4416



195.1110, 11.7773, 2.5337



132.0630, 17.7169, -36.0123



94.9600, 7.4147, 1.7891



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



106.6550, 30.2431, 6.4416



123.4440, 47.1091, 10.1346



117.7180, 24.7890, 29.1883



77.5100, 3.1996, 0.4297



30.0280, 58.1602, 12.2534



4.0740, 7.8515, 1.6891



# Inverse Universe

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



120.1790, 12.2368, 41.9390



144.4560, 19.0022, 65.3751



141.2820, -24.7890, -29.1883



79.0760, 1.4415, 4.3183



56.1080, 23.6108, 80.5893

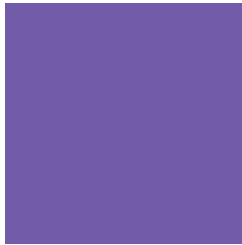


7.5760, 3.1670, 10.8958



# Previews

## White Background



This preview shows how the YUV color 106.6550, 30.2431, 6.4416 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 106.6550, 30.2431, 6.4416 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

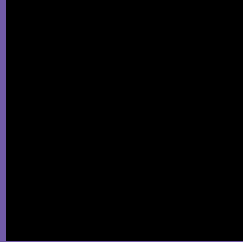
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 106.6550, 30.2431, 6.4416

## Background



This preview shows how black text looks on a background with the YUV color 106.6550, 30.2431, 6.4416.



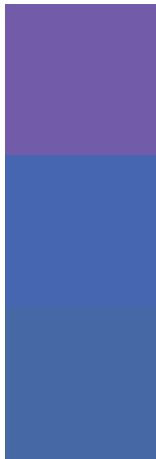
This preview shows how white text looks on a background with the YUV color 106.6550, 30.2431, 6.4416.



# 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

106.6550, 30.2431, 6.4416

### Protanopia

101.3950, 37.7663, -26.6564

### Deuteranopia

100.7880, 31.6565, -27.0011



## Tritanopia

104.6130, 3.6418, -1.4146

# Trichromacy



## Original Color

106.6550, 30.2431, 6.4416

## Protanomaly

103.3750, 34.8181, -14.3609

## Deuteranomaly

102.7510, 31.1818, -14.6906

## Tritanomaly

105.1540, 13.2351, 1.6189

# Monochromacy



## Original Color

106.6550, 30.2431, 6.4416

## Achromatopsia

107.0000, 0.0000, 0.0000

## Achromatomaly

106.8830, 10.9037, 2.7336

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.6550, 30.2431, 6.4416 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(114, 91, 168)` looks like.

```
.text, #text, p{  
    color:rgb(114, 91, 168)  
}
```

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(114, 91, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 91, 168) }
```

## Border

The CSS property to change the border of an element to YUV 106.6550, 30.2431, 6.4416 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(114, 91, 168) }
```



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

```
.border{ border-color:rgb(114, 91, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 91, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 91, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 91, 168);  
box-shadow:4px 4px 4px 4px rgb(114, 91,  
168) }
```

# Background

The CSS property to change the background color of an element to YUV 106.6550, 30.2431, 6.4416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 91, 168) }
```

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

```
.background{ background-color: rgb(114, 91,  
168) }
```

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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