

# Converting Colors

YUV(132.6520, 51.4436,  
-26.8818)

Have a look what the booklet for  
YUV(132.6520, 51.4436, -26.8818)  
contains.

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# Color

**YUV(132.6520, 51.4436,  
-26.8818)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6680ED
RGB	102, 128, 237
RGB Percent	40%, 50%, 93%
CMY	0.6000, 0.4980, 0.0706
CMYK	0.57, 0.46, 0.00, 0.07
HSL	228°, 79%, 66%
HSV	228°, 57%, 93%
XYZ	28.4847, 24.3775, 83.3248
YIQ	132.6520, -50.4850, 28.3870

# Conversions

## Conversions Part 2

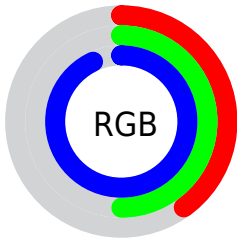
Format	Color
<a href="#">RYB</a>	<a href="#">102, 124, 237</a>
Decimal	<a href="#">6717677</a>
CIELab	<a href="#">56.46, 22.26, -58.00</a>
CIELCh	<a href="#">56, 62.123, 290.994</a>
Yxy	<a href="#">24.3775, 0.2092, 0.1790</a>
Android (android.graphics.Color)	<a href="#">4284907757 (0xFF6680ED)</a>
YUV	<a href="#">132.6520, 51.4436, -26.8818</a>
Hunter-Lab	<a href="#">49.3736, 16.5767, -65.4985</a>

# Details

The YUV color **132.6520, 51.4436, -26.8818** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **206.3480, -51.4436, 26.8818**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.1680, 35.4132, -18.5643**, and **76.1620, 51.1921, -39.6071** is the 20% darker color. If you saturate the color by 10%, you get **114.3230, 60.4798, -31.8553**, and if you desaturate by 10%, it is **150.9810, 42.4074, -21.9083**.

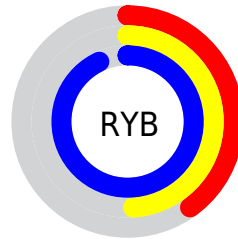
# Distribution



Red (40%)

Green (50%)

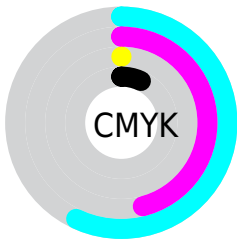
Blue (93%)



Red (40%)

Yellow (49%)

Blue (93%)

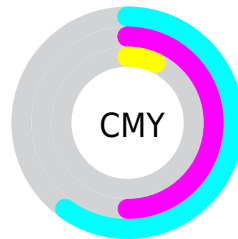


Cyan (57%)

Magenta (46%)

Yellow (0%)

Black (7%)



Cyan (60%)

Magenta (50%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 132.6520, 51.4436, -26.8818 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 132.6520, 51.4436, -26.8818 by changing the saturation by 10% instead.



■ 132.6520, 51.4436,  
-26.8818

■ 132.6520, 51.4436,  
-26.8818

255.0000, 0.0000,  
0.0000

■ 105.1030, 50.7282,  
-30.7853

■ 183.1680, 35.4132,  
-18.5643

■ 76.1620, 51.1921,  
-39.6071

■ 208.2750, 23.0354,  
-15.1502

■ 50.9010, 50.3348,  
-44.6402

■ 233.6810, 10.5103,  
-11.1212

■ 35.4960, 44.6185,  
-31.1300

254.1030, 0.4422,  
-1.8443

■ 22.0800, 38.9076,  
-19.3642

■ 11.0120, 32.0391,  
-9.6575

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,  
-4.0289

■ 0.0000, 0.0000,  
0.0000

■ 132.6520, 51.4436,  
-26.8818

■ 132.6520, 51.4436,  
-26.8818

■ 114.3230, 60.4798,  
-31.8553

■ 150.9810, 42.4074,  
-21.9083

■ 96.2930, 69.3686,  
-36.2140

■ 169.0110, 33.5186,  
-17.5496

■ 77.9640, 78.4047,  
-41.1874

■ 187.3400, 24.4824,  
-12.5762

■ 59.0480, 87.7303,  
-45.6461

■ 206.2560, 15.1568,  
-8.1175

■ 54.0200, 90.2091,  
-47.3755

■ 224.2860, 6.2680,  
-3.7588

■ 242.6150, -2.7682,  
1.2146

■ 252.9480, -7.8624,  
1.7996

# Harmonies

## Analogous

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



113.9910, 63.6014, -99.9701



132.6520, 51.4436, -26.8818



138.7330, 32.1766, 39.6992

# Triad

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



132.6520, 51.4436, -26.8818



131.1360, -39.5070, 71.7947



107.2580, 4.8028, -94.0653

# Complementary

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



132.6520, 51.4436, -26.8818



206.3480, -51.4436, 26.8818

# 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.



113.4270, -24.8605, -52.9945



132.6520, 51.4436, -26.8818



127.4440, -60.3649, 41.7066

# Square

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



132.6520, 51.4436, -26.8818



130.0760, -14.8275, 89.3873



123.2710, -54.8566, 1.5163



114.2290, 28.9741, -100.1788



# Rectangle

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



132.6520, 51.4436, -26.8818



135.5490, 17.9703, 69.6785



123.2710, -54.8566, 1.5163



103.9180, -2.9176, -91.1361

# Sweetspot

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



132.6520, 51.4436, -26.8818



221.5980, 16.4672, -8.4174



193.5570, 8.1064, -80.2955



107.8990, 9.9098, -5.1734



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.



132.6520, 51.4436, -26.8818



121.0930, 66.0162, -34.2846



129.3500, 53.0714, 11.0941



108.4280, 4.2260, -2.1294



41.1790, 68.9318, -36.1140



12.0260, 20.6932, -10.5468



# Inverse Universe

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



145.3290, -8.5432, 80.3955



137.4890, -11.0871, 103.0571



209.3510, -52.9240, -11.7088



109.5170, -0.7479, 6.5626



58.1090, -11.3927, 107.7754

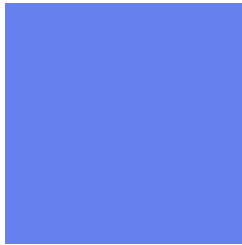


17.2860, -3.5920, 32.1982



# Previews

## White Background



This preview shows how the YUV color 132.6520, 51.4436, -26.8818 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

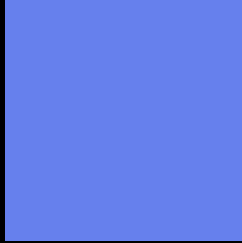
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 132.6520, 51.4436, -26.8818 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

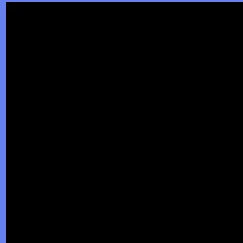
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 132.6520, 51.4436, -26.8818

## Background



This preview shows how black text looks on a background with the YUV color 132.6520, 51.4436, -26.8818.



This preview shows how white text looks on a background with the YUV color 132.6520, 51.4436, -26.8818.



# 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

132.6520, 51.4436, -26.8818

### Protanopia

129.0740, 54.6865, -40.4069

### Deuteranopia

123.0560, 55.1884, -61.4391



## Tritanopia

124.9430, 16.2971, -47.3080

# Trichromacy



## Original Color

132.6520, 51.4436, -26.8818

## Protanomaly

130.4660, 53.5073, -35.4887

## Deuteranomaly

126.7910, 53.8400, -48.9287

## Tritanomaly

127.4290, 29.3685, -39.8412

# Monochromacy



## Original Color

132.6520, 51.4436, -26.8818

## Achromatopsia

133.0000, 0.0000, 0.0000

## Achromatomaly

132.8690, 18.7986, -9.5321

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 132.6520, 51.4436, -26.8818 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(102, 128, 237)` looks like.

```
.text, #text, p{  
    color:rgb(102, 128, 237)  
}
```

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(102, 128, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 128, 237) }
```

## Border

The CSS property to change the border of an element to YUV 132.6520, 51.4436, -26.8818 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(102, 128, 237) }
```



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

```
.border{ border-color:rgb(102, 128, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 128, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 128, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 128, 237); box-shadow:4px 4px 4px 4px rgb(102, 128, 237) }
```

# Background

The CSS property to change the background color of an element to YUV 132.6520, 51.4436, -26.8818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 128, 237) }
```

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

```
.background{ background-color: rgb(102,  
128, 237) }
```

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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