

# Converting Colors

YUV(132.8450, 25.2194,  
-15.6501)

Have a look what the booklet for  
YUV(132.8450, 25.2194, -15.6501)  
contains.

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# Color

**YUV(132.8450, 25.2194,  
-15.6501)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7384B8
RGB	115, 132, 184
RGB Percent	45%, 52%, 72%
CMY	0.5490, 0.4824, 0.2784
CMYK	0.38, 0.28, 0.00, 0.28
HSL	225°, 33%, 59%
HSV	225°, 38%, 72%
XYZ	23.9732, 23.6081, 48.6407
YIQ	132.8450, -26.8240, 12.5680

# Conversions

## Conversions Part 2

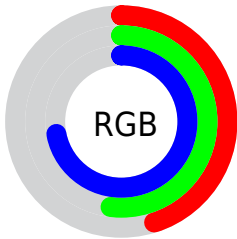
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 129, 184
Decimal	7570616
CIE Lab	55.69, 6.89, -29.28
CIE LCh	56, 30.080, 283.241
Yxy	23.6081, 0.2491, 0.2453
Android (android.graphics.Color)	4285760696 (0xFF7384B8)
YUV	132.8450, 25.2194, -15.6501
Hunter-Lab	48.5881, 3.0421, -25.3425

# Details

The YUV color **132.8450, 25.2194, -15.6501** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **166.1550, -25.2194, 15.6501**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.4860, 26.3824, -15.3352**, and **82.4920, 23.9144, -17.0945** is the 20% darker color. If you saturate the color by 10%, you get **119.2450, 31.9242, -19.5089**, and if you desaturate by 10%, it is **146.4450, 18.5146, -11.7913**.

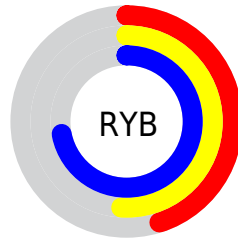
# Distribution



Red (45%)

Green (52%)

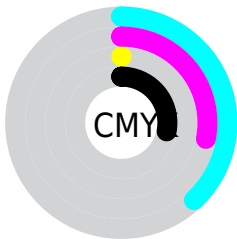
Blue (72%)



Red (45%)

Yellow (51%)

Blue (72%)

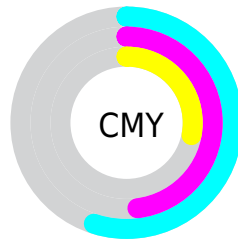


Cyan (38%)

Magenta (28%)

Yellow (0%)

Black (28%)



Cyan (55%)

Magenta (48%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 132.8450, 25.2194, -15.6501 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 132.8450, 25.2194, -15.6501 by changing the saturation by 10% instead.



■ 132.8450, 25.2194,  
-15.6501

■ 132.8450, 25.2194,  
-15.6501

■ 255.0000, 0.0000,  
0.0000

■ 107.3180, 24.4932,  
-16.0649

■ 186.4860, 26.3824,  
-15.3352

■ 82.4920, 23.9144,  
-17.0945

■ 213.0040, 20.7040,  
-14.0355

■ 58.2530, 23.0463,  
-18.6389

■ 237.8120, 8.4737,  
-11.2361

■ 32.7360, 23.7942,  
-25.2015

■ 17.1780, 20.1252,  
-15.0651

■ 5.2780, 15.1459,  
-4.6288

■ 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,  
0.0000

■ 132.8450, 25.2194,  
-15.6501

■ 132.8450, 25.2194,  
-15.6501

■ 119.2450, 31.9242,  
-19.5089

■ 146.4450, 18.5146,  
-11.7913

■ 105.3460, 38.7764,  
-23.9824

■ 160.3440, 11.6624,  
-7.3177

■ 91.7460, 45.4812,  
-27.8412

■ 173.9440, 4.9576,  
-3.4589

■ 78.4340, 52.0440,  
-32.8296

■ 187.2560, -1.6052,  
1.5295

■ 64.8340, 58.7488,  
-36.6884

■ 200.8560, -8.3100,  
5.3883

■ 51.2340, 65.4536,  
-40.5472

■ 214.4560,  
-15.0148, 9.2471

■ 47.3910, 67.3482,  
-41.5619

■ 228.3550,  
-21.8670, 13.7207

■ 239.8620,  
-27.5400, 13.2760

■ 246.9060,  
-31.0127, 7.0984

# Harmonies

## Analogous

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



124.5700, 28.8060, -46.1039



132.8450, 25.2194, -15.6501



136.9580, 17.2757, 12.3148

# Triad

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



132.8450, 25.2194, -15.6501



134.3720, -17.4384, 40.0158



122.4760, -2.2067, -39.0055

# Complementary

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



132.8450, 25.2194, -15.6501



166.1550, -25.2194, 15.6501

# 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.



127.0740, -15.8125, -14.9739



132.8450, 25.2194, -15.6501



133.1610, -24.2364, 27.0458

# Square

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



132.8450, 25.2194, -15.6501



135.6680, -6.2453, 43.2642



130.7410, -24.0293, 7.2431



116.4480, 13.5831, -63.5369



# Rectangle

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



132.8450, 25.2194, -15.6501



137.1080, 9.8068, 27.9693



130.7410, -24.0293, 7.2431



124.1520, -7.4699, -30.8283

# Sweetspot

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



132.8450, 25.2194, -15.6501



220.1870, 9.7678, -6.3030



161.4310, 2.7455, -40.7200



108.1720, 5.8312, -3.6588



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.



132.8450, 25.2194, -15.6501



159.5740, 39.6500, -24.1824



127.9490, 27.6331, 3.5527



85.2000, 3.3524, -1.9294



40.0900, 57.1436, -35.1589



7.3010, 10.2046, -6.4030



# Inverse Universe

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



137.5690, -2.7455, 40.7200



167.2560, -4.5632, 63.7965



171.0510, -27.6331, -3.5527



85.9190, -0.4531, 5.3330



50.9760, -6.3972, 92.1060



9.1700, -1.0698, 16.5139



# Previews

## White Background



This preview shows how the YUV color 132.8450, 25.2194, -15.6501 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

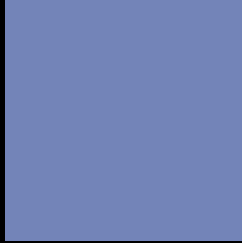
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 132.8450, 25.2194, -15.6501 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

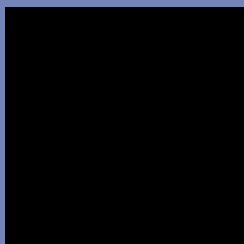
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

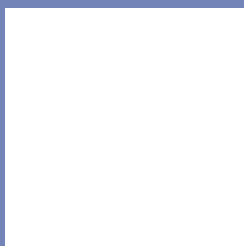
Any Text WCAG AAA × Fail

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

# YUV 132.8450, 25.2194, -15.6501 Background



This preview shows how black text looks on a background with the YUV color 132.8450, 25.2194, -15.6501.



This preview shows how white text looks on a background with the YUV color 132.8450, 25.2194, -15.6501.

-15.6501.

# 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

132.8450, 25.2194, -15.6501

### Protanopia

133.1550, 25.0666, -13.2909

### Deuteranopia

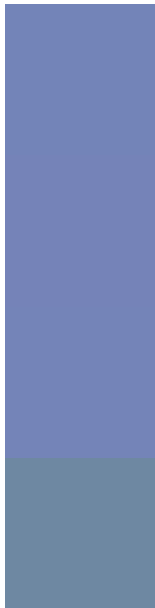
133.4430, 24.9246, -14.4205



**Tritanopia**

130.6860, 9.5218, -20.7726

# Trichromacy



## Original Color

132.8450, 25.2194, -15.6501

## Protanomaly

132.8560, 25.2140, -13.9057

## Deuteranomaly

133.1440, 25.0720, -15.0353

## Tritanomaly

131.1900, 15.1893, -18.5836

# Monochromacy



## Original Color

132.8450, 25.2194, -15.6501

## Achromatopsia

133.0000, 0.0000, 0.0000

## Achromatomaly

133.0730, 9.3310, -6.2030

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 132.8450, 25.2194, -15.6501 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(115, 132, 184)` looks like.

```
.text, #text, p{  
    color:rgb(115, 132, 184)  
}
```

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(115, 132, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 132, 184) }
```

## Border

The CSS property to change the border of an element to YUV 132.8450, 25.2194, -15.6501 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(115, 132, 184) }
```



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

```
.border{ border-color:rgb(115, 132, 184) }
```

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

Here you see how a box with a 4 pixel rgb(115, 132, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 132, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 132, 184);  
box-shadow:4px 4px 4px 4px rgb(115, 132,  
184) }
```

# Background

The CSS property to change the background color of an element to YUV 132.8450, 25.2194, -15.6501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 132, 184) }
```

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

```
.background{ background-color: rgb(115,  
132, 184) }
```

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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