

# Converting Colors

YUV(134.8710, 29.1506,  
-16.5499)

Have a look what the booklet for  
YUV(134.8710, 29.1506, -16.5499)  
contains.

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# Color

**YUV(134.8710, 29.1506,  
-16.5499)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7485C2
RGB	116, 133, 194
RGB Percent	45%, 52%, 76%
CMY	0.5451, 0.4784, 0.2392
CMYK	0.40, 0.31, 0.00, 0.24
HSL	227°, 39%, 61%
HSV	227°, 40%, 76%
XYZ	25.3276, 24.3831, 54.4104
YIQ	134.8710, -29.7130, 15.3670

# Conversions

## Conversions Part 2

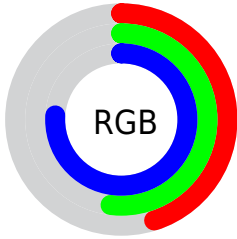
Format	Color
R <sub>Y</sub> B	116, 130, 194
Decimal	7636418
CIE Lab	56.47, 9.38, -33.76
CIE LCh	56, 35.043, 285.534
Yxy	24.3831, 0.2433, 0.2342
Android (android.graphics.Color)	4285826498 (0xFF7485C2)
YUV	134.8710, 29.1506, -16.5499
Hunter-Lab	49.3793, 5.1425, -30.7655

# Details

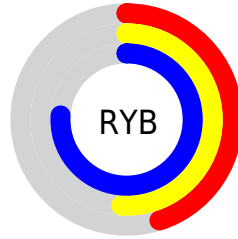
The YUV color **134.8710, 29.1506, -16.5499** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **175.1290, -29.1506, 16.5499**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.9250, 30.6030, -15.7202**, and **84.1050, 27.5562, -18.5091** is the 20% darker color. If you saturate the color by 10%, you get **120.3850, 36.2922, -20.5086**, and if you desaturate by 10%, it is **149.3570, 22.0090, -12.5911**.

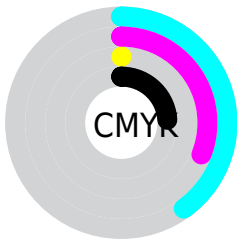
# Distribution



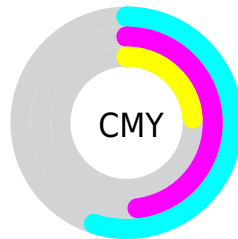
- Red (45%)
- Green (52%)
- Blue (76%)



- Red (45%)
- Yellow (51%)
- Blue (76%)



- Cyan (40%)
- Magenta (31%)
- Yellow (0%)
- Black (24%)



- Cyan (55%)
- Magenta (48%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 134.8710, 29.1506, -16.5499 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 134.8710, 29.1506, -16.5499 by changing the saturation by 10% instead.



■ 134.8710, 29.1506,  
-16.5499

■ 134.8710, 29.1506,  
-16.5499

■ 255.0000, 0.0000,  
0.0000

■ 109.0450, 28.5718,  
-17.5795

■ 188.9250, 30.6030,  
-15.7202

■ 84.1050, 27.5562,  
-18.5091

■ 214.1890, 20.1198,  
-13.3208

■ 59.2680, 26.9829,  
-21.2830

■ 238.9970, 7.8895,  
-10.5214

■ 33.0390, 27.5888,  
-28.9752

■ 19.2640, 23.0408,  
-16.8945

■ 6.6630, 17.9141,  
-5.8435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,  
0.0000

■ 134.8710, 29.1506,  
-16.5499

■ 134.8710, 29.1506,  
-16.5499

■ 120.3850, 36.2922,  
-20.5086

■ 149.3570, 22.0090,  
-12.5911

■ 105.6000, 43.5812,  
-25.0822

■ 164.1420, 14.7200,  
-8.0175

■ 90.5270, 51.0122,  
-28.5262

■ 179.2150, 7.2890,  
-4.5736

■ 75.7420, 58.3012,  
-33.0997

■ 194.0000, 0.0000,  
0.0000

■ 61.2560, 65.4428,  
-37.0585

■ 208.4860, -7.1416,  
3.9588

■ 46.7700, 72.5844,  
-41.0173

■ 222.9720,  
-14.2832, 7.9176

■ 237.7570,  
-21.5722, 12.4911

■ 247.4590,  
-26.3553, 6.6135

■ 248.0460,  
-26.6447, 6.0987

# Harmonies

## Analogous

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



123.3990, 34.8063, -57.3549



134.8710, 29.1506, -16.5499



139.4470, 19.0066, 17.1480

# Triad

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



134.8710, 29.1506, -16.5499



135.7810, -21.0910, 44.9191



120.7520, -0.8637, -49.7715

# Complementary

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



134.8710, 29.1506, -16.5499



175.1290, -29.1506, 16.5499

# 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.



127.5850, -17.5434, -19.8070



134.8710, 29.1506, -16.5499



134.0320, -28.6098, 29.7899

# Square

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



134.8710, 29.1506, -16.5499



137.5440, -8.1562, 49.5119



131.7040, -27.9551, 6.3986



106.4380, 21.9691, -93.3461



# Rectangle

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



134.8710, 29.1506, -16.5499



139.0810, 10.8061, 34.1320



131.7040, -27.9551, 6.3986



123.5100, -7.1534, -39.0353

# Sweetspot

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



134.8710, 29.1506, -16.5499



229.5290, 11.0782, -6.6029



168.6260, 3.6354, -46.1530



114.4000, 6.7048, -3.8588



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.



134.8710, 29.1506, -16.5499



160.6430, 45.0390, -25.9969



131.1710, 30.9747, 5.1120



89.3140, 3.7892, -2.0294



38.8990, 60.1958, -34.1144



7.8710, 12.3886, -6.9029



# Inverse Universe

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



141.2600, -4.0722, 46.2530



170.2570, -6.0427, 71.6886



178.8290, -30.9747, -5.1120



90.2180, -0.6005, 5.9478



52.1290, -8.4446, 95.4799



10.6650, -1.8068, 19.5878



# Previews

## White Background



This preview shows how the YUV color 134.8710, 29.1506, -16.5499 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

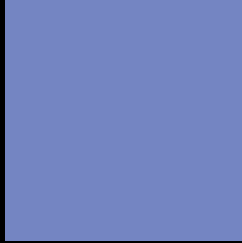
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 134.8710, 29.1506, -16.5499 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

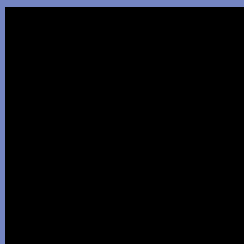
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

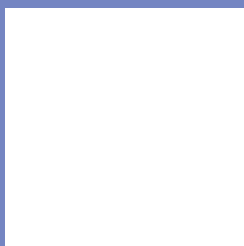
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 134.8710, 29.1506, -16.5499

## Background



This preview shows how black text looks on a background with the YUV color 134.8710, 29.1506, -16.5499.



This preview shows how white text looks on a background with the YUV color 134.8710, 29.1506, -16.5499.

-16.5499.

# 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

134.8710, 29.1506, -16.5499

### Protanopia

134.8710, 29.1506, -16.5499

### Deuteranopia

134.5610, 29.3034, -18.9090



## Tritanopia

131.4900, 10.1114, -23.2317

# Trichromacy



## Original Color

134.8710, 29.1506, -16.5499

## Protanomaly

134.8710, 29.1506, -16.5499

## Deuteranomaly

134.8600, 29.1560, -18.2942

## Tritanomaly

132.6350, 16.9419, -20.7279

# Monochromacy



## Original Color

134.8710, 29.1506, -16.5499

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

134.7140, 10.4940, -5.8882

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.8710, 29.1506, -16.5499 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(116, 133, 194)` looks like.

```
.text, #text, p{  
    color:rgb(116, 133, 194)  
}
```

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(116, 133, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 133, 194) }
```

## Border

The CSS property to change the border of an element to YUV 134.8710, 29.1506, -16.5499 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(116, 133, 194) }
```



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

```
.border{ border-color:rgb(116, 133, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 133, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 133, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 133, 194);  
box-shadow:4px 4px 4px 4px rgb(116, 133,  
194) }
```

# Background

The CSS property to change the background color of an element to YUV 134.8710, 29.1506, -16.5499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 133, 194) }
```

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

```
.background{ background-color: rgb(116,  
133, 194) }
```

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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