

# Converting Colors

YUV(135.4340, 35.2820,  
-23.1826)

Have a look what the booklet for  
YUV(135.4340, 35.2820, -23.1826)  
contains.

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# Color

**YUV(135.4340, 35.2820,  
-23.1826)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D87CF
RGB	109, 135, 207
RGB Percent	43%, 53%, 81%
CMY	0.5725, 0.4706, 0.1882
CMYK	0.47, 0.35, 0.00, 0.19
HSL	224°, 51%, 62%
HSV	224°, 47%, 81%
XYZ	26.2331, 25.0841, 62.4906
YIQ	135.4340, -38.6080, 16.8800

# Conversions

## Conversions Part 2

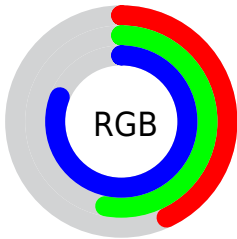
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	109, 130, 207
Decimal	7178191
CIE Lab	57.16, 10.21, -40.07
CIE LCh	57, 41.353, 284.292
Yxy	25.0841, 0.2305, 0.2204
Android (android.graphics.Color)	4285368271 (0xFF6D87CF)
YUV	135.4340, 35.2820, -23.1826
Hunter-Lab	50.0841, 5.8479, -38.9181

# Details

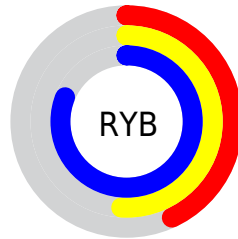
The YUV color  $135.4340, 35.2820, -23.1826$  is a dark color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $180.5660, -35.2820, 23.1826$ , and the grayscale version is  $135.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $188.7610, 32.6558, -20.8384$ , and  $83.3580, 33.8405, -27.5010$  is the 20% darker color. If you saturate the color by 10%, you get  $120.3500, 42.7185, -28.3709$ , and if you desaturate by 10%, it is  $150.5180, 27.8456, -17.9943$ .

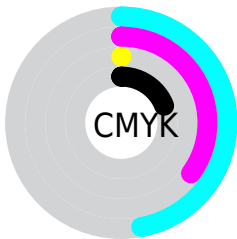
# Distribution



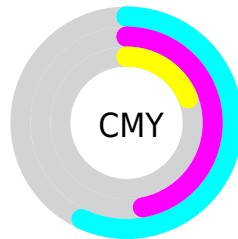
- Red (43%)
- Green (53%)
- Blue (81%)



- Red (43%)
- Yellow (51%)
- Blue (81%)



- Cyan (47%)
- Magenta (35%)
- Yellow (0%)
- Black (19%)



- Cyan (57%)
- Magenta (47%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 135.4340, 35.2820, -23.1826 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 135.4340, 35.2820, -23.1826 by changing the saturation by 10% instead.



■ 135.4340, 35.2820,  
-23.1826

■ 135.4340, 35.2820,  
-23.1826

■ 255.0000, 0.0000,  
0.0000

■ 109.1950, 34.4139,  
-24.7270

■ 188.7610, 32.6558,  
-20.8384

■ 83.3580, 33.8405,  
-27.5010

■ 213.5690, 20.4255,  
-18.0390

■ 56.1290, 34.4464,  
-35.1931

■ 238.6760, 8.0477,  
-14.6249

■ 35.5810, 32.2516,  
-31.2045

■ 254.1030, 0.4422,  
-1.8443

■ 21.5780, 26.8300,  
-18.9239

■ 8.9770, 21.7033,  
-7.8728

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,  
-0.2000

■ 0.0000, 0.0000,  
0.0000

■ 135.4340, 35.2820,  
-23.1826

■ 135.4340, 35.2820,  
-23.1826

■ 120.3500, 42.7185,  
-28.3709

■ 150.5180, 27.8456,  
-17.9943

■ 105.5650, 50.0075,  
-32.9445

■ 165.3030, 20.5566,  
-13.4207

■ 89.8940, 57.7333,  
-37.6180

■ 180.9740, 12.8308,  
-8.7472

■ 74.8100, 65.1697,  
-42.8064

■ 196.0580, 5.3944,  
-3.5589

■ 60.0250, 72.4587,  
-47.3799

■ 210.8430, -1.8946,  
1.0147

■ 55.8830, 74.5007,  
-49.0094

■ 225.9270, -9.3310,  
6.2030

■ 241.0110,  
-16.7674, 11.3914

■ 249.5280,  
-20.9663, 4.7989

# Harmonies

## Analogous

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



109.1860, 47.7293, -95.7561



135.4340, 35.2820, -23.1826



141.0110, 23.6586, 18.4074

# Triad

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



135.4340, 35.2820, -23.1826



137.3260, -24.3177, 53.2111



117.0770, -0.5310, -63.2115

# Complementary

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



135.4340, 35.2820, -23.1826



180.5660, -35.2820, 23.1826

# 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.



127.5370, -21.4637, -22.3959



135.4340, 35.2820, -23.1826



135.0990, -33.5728, 34.9932

# Square

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



135.4340, 35.2820, -23.1826



138.7840, -8.7675, 58.9484



132.6350, -33.3441, 8.2131



109.1280, 22.1219, -95.7053



# Rectangle

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



135.4340, 35.2820, -23.1826



141.2110, 13.7000, 39.2800



132.6350, -33.3441, 8.2131



122.1130, -8.4367, -47.4571

# Sweetspot

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



135.4340, 35.2820, -23.1826



228.9740, 12.8308, -8.7472



174.7340, 3.0891, -57.6487



112.0300, 7.8732, -5.2883



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.



135.4340, 35.2820, -23.1826



148.8360, 52.3389, -34.0592



127.0490, 39.4158, 4.3420



97.0150, 3.9366, -2.6442



45.5670, 60.3595, -39.9623



11.1310, 14.7254, -9.7619



# Inverse Universe

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



141.2660, -3.0891, 57.6487



157.6870, -4.7757, 85.3435



188.9510, -39.4158, -4.3420



97.6310, -0.3111, 6.4626



55.3620, -5.1085, 98.7835

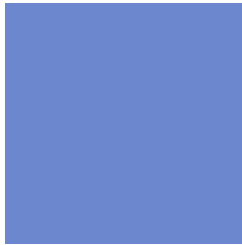


13.5130, -1.2389, 24.1061



# Previews

## White Background



This preview shows how the YUV color 135.4340, 35.2820, -23.1826 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 135.4340, 35.2820, -23.1826 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

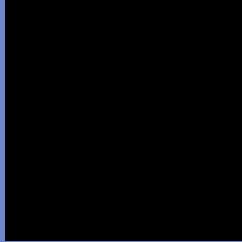
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 135.4340, 35.2820, -23.1826

## Background



This preview shows how black text looks on a background with the YUV color 135.4340, 35.2820, -23.1826.



This preview shows how white text looks on a background with the YUV color 135.4340, 35.2820, -23.1826.



# 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

135.4340, 35.2820, -23.1826

### Protanopia

135.7440, 35.1292, -20.8235

### Deuteranopia

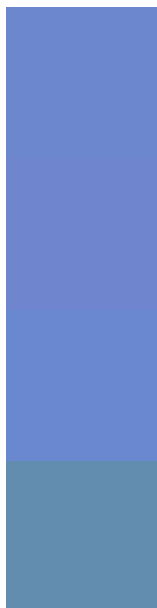
134.5260, 35.7297, -26.7713



## Tritanopia

131.1190, 12.7593, -32.5534

# Trichromacy



## Original Color

135.4340, 35.2820, -23.1826

## Protanomaly

135.4450, 35.2766, -21.4383

## Deuteranomaly

135.1240, 35.4349, -25.5417

## Tritanomaly

132.3180, 21.0422, -29.2199

# Monochromacy



## Original Color

135.4340, 35.2820, -23.1826

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

135.2730, 12.6834, -8.1324

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.4340, 35.2820, -23.1826 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(109, 135, 207)` looks like.

```
.text, #text, p{  
    color:rgb(109, 135, 207)  
}
```

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(109, 135, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 135, 207) }
```

## Border

The CSS property to change the border of an element to YUV 135.4340, 35.2820, -23.1826 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(109, 135, 207) }
```



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

```
.border{ border-color:rgb(109, 135, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 135, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 135, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 135, 207); box-shadow:4px 4px 4px 4px rgb(109, 135, 207) }
```

# Background

The CSS property to change the background color of an element to YUV 135.4340, 35.2820, -23.1826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 135, 207) }
```

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

```
.background{ background-color: rgb(109,  
135, 207) }
```

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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