

# Converting Colors

YUV(160.1520, 32.9561,  
-23.8123)

Have a look what the booklet for  
YUV(160.1520, 32.9561, -23.8123)  
contains.

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# Color

**YUV(160.1520, 32.9561,  
-23.8123)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85A1E3
RGB	133, 161, 227
RGB Percent	52%, 63%, 89%
CMY	0.4784, 0.3686, 0.1098
CMYK	0.41, 0.29, 0.00, 0.11
HSL	222°, 63%, 71%
HSV	222°, 41%, 89%
XYZ	36.2829, 36.0223, 77.7137
YIQ	160.1520, -37.8740, 14.5900

# Conversions

## Conversions Part 2

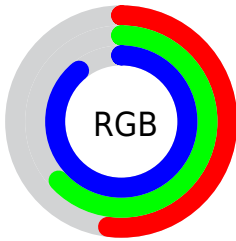
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 155, 227
Decimal	8757731
CIE Lab	66.54, 6.95, -36.43
CIE LCh	67, 37.086, 280.794
Yxy	36.0223, 0.2419, 0.2401
Android (android.graphics.Color)	4286947811 (0xFF85A1E3)
YUV	160.1520, 32.9561, -23.8123
Hunter-Lab	60.0186, 2.8755, -34.7573

# Details

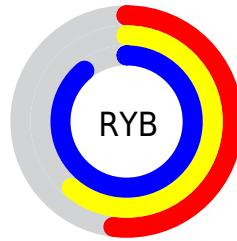
The YUV color **160.1520, 32.9561, -23.8123** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **199.8480, -32.9561, 23.8123**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.3730, 21.0151, -20.4981**, and **107.3860, 31.3617, -25.7715** is the 20% darker color. If you saturate the color by 10%, you get **143.8830, 40.9767, -29.7154**, and if you desaturate by 10%, it is **176.4210, 24.9354, -17.9092**.

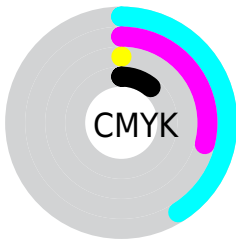
# Distribution



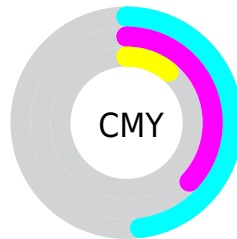
- Red (52%)
- Green (63%)
- Blue (89%)



- Red (52%)
- Yellow (61%)
- Blue (89%)



- Cyan (41%)
- Magenta (29%)
- Yellow (0%)
- Black (11%)



- Cyan (48%)
- Magenta (37%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 160.1520, 32.9561, -23.8123 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 160.1520, 32.9561, -23.8123 by changing the saturation by 10% instead.



■ 160.1520, 32.9561,  
-23.8123

■ 160.1520, 32.9561,  
-23.8123

255.0000, 0.0000,  
0.0000

■ 133.6250, 32.2299,  
-24.2271

■ 212.3730, 21.0151,  
-20.4981

■ 107.3860, 31.3617,  
-25.7715

■ 237.4800, 8.6374,  
-17.0840

■ 81.9620, 31.0777,  
-28.0307

■ 252.6080, 1.1793,  
-4.9182

■ 54.7330, 31.6836,  
-35.7228

■ 34.7830, 29.1940,  
-30.5047

■ 20.3070, 24.4986,  
-17.8092

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,  
-3.0142

■ 0.0000, 0.0000,  
0.0000

■ 160.1520, 32.9561,  
-23.8123

■ 160.1520, 32.9561,  
-23.8123

■ 143.8830, 40.9767,  
-29.7154

■ 176.4210, 24.9354,  
-17.9092

■ 127.9130, 48.8499,  
-35.0037

■ 192.3910, 17.0622,  
-12.6209

■ 111.6440, 56.8705,  
-40.9068

■ 208.6600, 9.0416,  
-6.7178

■ 95.3750, 64.8911,  
-46.8099

■ 224.9290, 1.0210,  
-0.8147

■ 79.1060, 72.9117,  
-52.7130

■ 241.1980, -6.9996,  
5.0884

■ 65.7940, 79.4746,  
-57.7013

■ 251.8080,  
-12.2303, 2.7994

# Harmonies

## Analogous

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



147.7400, 37.5962, -65.5470



160.1520, 32.9561, -23.8123



165.7500, 22.8012, 13.3742

# Triad

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



160.1520, 32.9561, -23.8123



162.8250, -21.1127, 51.8965



148.1390, -4.5055, -48.3569

# Complementary

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



160.1520, 32.9561, -23.8123



199.8480, -32.9561, 23.8123

# 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.



154.4560, -21.9168, -17.0629



160.1520, 32.9561, -23.8123



160.9080, -30.5206, 36.0377

# Square

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



160.1520, 32.9561, -23.8123



164.9190, -6.8621, 54.4450



158.5260, -31.3183, 11.8167



137.9400, 17.2846, -84.1394



# Rectangle

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



160.1520, 32.9561, -23.8123



165.9930, 14.3005, 33.3321



158.5260, -31.3183, 11.8167



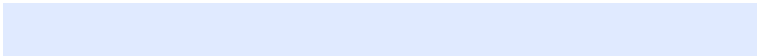
150.7830, -11.2320, -37.5207

# Sweetspot

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



160.1520, 32.9561, -23.8123



233.4040, 10.6468, -8.2473



195.7020, 1.6259, -54.9897



114.9870, 6.4154, -4.3736



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.



160.1520, 32.9561, -23.8123



164.1970, 44.7659, -31.7448



149.3970, 38.2583, 2.2828



106.7160, 4.0840, -3.2589



51.5170, 62.8491, -45.1804



14.6190, 17.9358, -12.8209



# Inverse Universe

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



164.2980, -1.6259, 54.9897



170.1910, -2.5592, 74.3775



210.6030, -38.2583, -2.2828



107.0440, -0.0217, 6.9774



59.5630, -3.2356, 104.7462



16.9590, -0.9658, 29.8540



# Previews

## White Background



This preview shows how the YUV color 160.1520, 32.9561, -23.8123 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

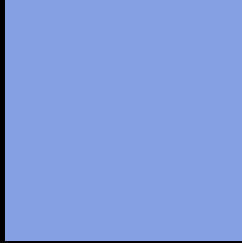
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 160.1520, 32.9561, -23.8123 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

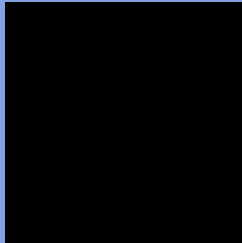
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 160.1520, 32.9561, -23.8123

## Background



This preview shows how black text looks on a background with the YUV color 160.1520, 32.9561, -23.8123.



This preview shows how white text looks on a background with the YUV color 160.1520, 32.9561, -23.8123.

-23.8123.

# 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

160.1520, 32.9561, -23.8123

### Protanopia

161.2560, 31.9188, -17.7645

### Deuteranopia

161.0600, 32.5084, -20.2236



## Tritanopia

156.2440, 13.1907, -30.9090

# Trichromacy



## Original Color

160.1520, 32.9561, -23.8123

## Protanomaly

160.9460, 32.0716, -20.1236

## Deuteranomaly

160.4620, 32.8032, -21.4532

## Tritanomaly

157.5030, 20.4580, -28.5051

# Monochromacy



## Original Color

160.1520, 32.9561, -23.8123

## Achromatopsia

160.0000, 0.0000, 0.0000

## Achromatomaly

159.7460, 11.9572, -8.5472

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 160.1520, 32.9561, -23.8123 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(133, 161, 227)` looks like.

```
.text, #text, p{  
    color:rgb(133, 161, 227)  
}
```

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(133, 161, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 161, 227) }
```

## Border

The CSS property to change the border of an element to YUV 160.1520, 32.9561, -23.8123 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(133, 161, 227) }
```



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

```
.border{ border-color:rgb(133, 161, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 161, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 161, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 161, 227); box-shadow:4px 4px 4px 4px rgb(133, 161, 227) }
```

# Background

The CSS property to change the background color of an element to YUV 160.1520, 32.9561, -23.8123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 161, 227) }
```

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

```
.background{ background-color: rgb(133,  
161, 227) }
```

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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