

# Converting Colors

YUV(63.4360, -20.9209,  
83.8096)

Have a look what the booklet for  
YUV(63.4360, -20.9209, 83.8096)  
contains.

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# Color

**YUV(63.4360, -20.9209,  
83.8096)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F1715
RGB	159, 23, 21
RGB Percent	62%, 9%, 8%
CMY	0.3765, 0.9098, 0.9176
CMYK	0.00, 0.86, 0.87, 0.38
HSL	1°, 77%, 35%
HSV	1°, 87%, 62%
XYZ	14.7398, 8.0379, 1.4841
YIQ	63.4360, 81.6980, 28.2100

# Conversions

## Conversions Part 2

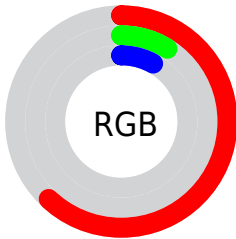
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 23, 21
Decimal	10426133
CIE <sub>Lab</sub>	34.06, 52.85, 38.54
CIE <sub>LCh</sub>	34, 65.407, 36.101
Yxy	8.0379, 0.6075, 0.3313
Android (android.graphics.Color)	4288616213 (0xFF9F1715)
YUV	63.4360, -20.9209, 83.8096
Hunter-Lab	28.3511, 43.1882, 16.7422

# Details

The YUV color **63.4360, -20.9209, 83.8096** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **116.5640, 20.9209, -83.8096**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.3240, -27.7677, 86.5389**, and **29.3020, -14.4459, 60.2481** is the 20% darker color. If you saturate the color by 10%, you get **52.2200, -23.2795, 93.6461**, and if you desaturate by 10%, it is **74.6520, -18.5624, 73.9732**.

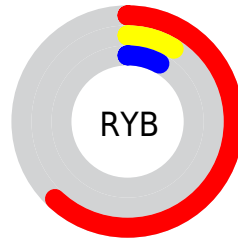
# Distribution



Red (62%)

Green (9%)

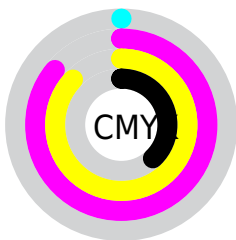
Blue (8%)



Red (62%)

Yellow (9%)

Blue (8%)

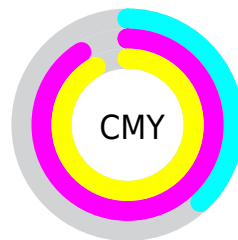


Cyan (0%)

Magenta (86%)

Yellow (87%)

Black (38%)



Cyan (38%)

Magenta (91%)


Yellow (92%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 63.4360, -20.9209, 83.8096 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 63.4360, -20.9209, 83.8096 by changing the saturation by 10% instead.





 63.4360, -20.9209,  
83.8096


 63.4360, -20.9209,  
83.8096


254.5440, -1.7472,  
0.3999


 38.5710, -19.0155,  
79.3062


 122.3240,  
-27.7677, 86.5389

 29.3020, -14.4459,  
60.2481

 151.0640,  
-30.1046, 89.3979


 20.7450, -9.7343,  
42.3196

 170.2470,  
-27.7298, 74.3284

 12.0740, -5.4595,  
24.4911

 189.6470,  
-24.4760, 57.3146

 0.0000, 0.0000,  
0.0000

 209.1610,  
-20.7854, 40.2008

 229.2620,

-17.3842, 22.5722

■ 250.0640,  
-13.8356, 4.3289

■ 63.4360, -20.9209,  
83.8096

■ 63.4360, -20.9209,  
83.8096

■ 52.2200, -23.2795,  
93.6461

■ 74.6520, -18.5624,  
73.9732

■ 48.7150, -24.0165,  
96.7199

■ 85.2810, -15.9145,  
64.6516

■ 96.4970, -13.5560,  
54.8151

■ 107.7130,  
-11.1975, 44.9787

■ 118.3420, -8.5496,  
35.6571

■ 129.4440, -6.6279,  
25.9206

■ 140.6600, -4.2694,  
16.0842

■ 151.2890, -1.6215,  
6.7625

■ 162.5050, 0.7370,  
-3.0739

# Harmonies

## Analogous

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



58.1410, 6.8325, 95.4693



63.4360, -20.9209, 83.8096



74.9760, -36.9632, 49.1330

# Triad

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



63.4360, -20.9209, 83.8096



61.9890, -13.7986, -54.3644



70.3980, 56.4988, -61.7390

# Complementary

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



63.4360, -20.9209, 83.8096



116.5640, 20.9209, -83.8096

# 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.



77.0030, 48.8055, -67.5316



63.4360, -20.9209, 83.8096



69.5470, 10.0833, -60.9927

# Square

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



63.4360, -20.9209, 83.8096



62.9630, -31.0408, -30.6626



75.3610, 32.3600, -66.0916



80.6410, 41.5890, 7.3308



# Rectangle

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



63.4360, -20.9209, 83.8096



75.7080, -37.3240, 24.8121



75.3610, 32.3600, -66.0916



73.4470, 55.4886, -64.4130

# Sweetspot

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



63.4360, -20.9209, 83.8096



169.7330, -8.2494, 32.6832



77.9940, 39.9360, 71.0423



82.4540, -5.1538, 19.7728



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.4360, -20.9209, 83.8096



63.6540, -31.3814, 125.7144



102.7650, -40.3101, 49.3181



73.3920, -1.1793, 4.9182



43.9310, -21.6580, 86.8835



4.4850, -2.2111, 9.2217



# Inverse Universe

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



116.5640, 20.9209, -83.8096



143.3460, 31.3814, -125.7144



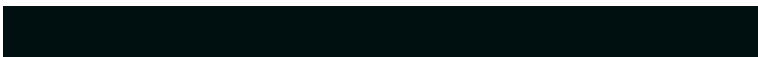
77.2350, 40.3101, -49.3181



76.6080, 1.1793, -4.9182



99.0690, 21.6580, -86.8835



10.5150, 2.2111, -9.2217



# Previews

## White Background



This preview shows how the YUV color 63.4360, -20.9209, 83.8096 looks on a white 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



# Black 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

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

# YUV 63.4360, -20.9209, 83.8096

## Background



This preview shows how black text looks on a background with the YUV color 63.4360, -20.9209, 83.8096.



This preview shows how white text looks on a background with the YUV color 63.4360, -20.9209,



# 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

63.4360, -20.9209, 83.8096

### Protanopia

79.2190, -22.2930, 10.3319

### Deuteranopia

76.8820, -37.9028, 23.7825



## Tritanopia

63.4360, -20.9209, 83.8096

# Trichromacy



## Original Color

63.4360, -20.9209, 83.8096

## Protanomaly

73.7970, -22.0849, 37.0120

## Deuteranomaly

72.0340, -31.5688, 45.5742

## Tritanomaly

63.4360, -20.9209, 83.8096

# Monochromacy



## Original Color

63.4360, -20.9209, 83.8096

## Achromatopsia

63.0000, 0.0000, 0.0000

## Achromatomaly

62.9500, -7.3703, 30.7389

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 63.4360, -20.9209, 83.8096 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(159, 23, 21)` looks like.

```
.text, #text, p{  
    color:rgb(159, 23, 21)  
}
```

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(159, 23, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 23, 21) }
```

## Border

The CSS property to change the border of an element to YUV 63.4360, -20.9209, 83.8096 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(159, 23, 21) }
```



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

```
.border{ border-color:rgb(159, 23, 21) }
```

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

Here you see how a box with a 4 pixel rgb(159, 23, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 23, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 23, 21);  
box-shadow:4px 4px 4px 4px rgb(159, 23,  
21) }
```

# Background

The CSS property to change the background color of an element to YUV 63.4360, -20.9209, 83.8096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 23, 21) }
```

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

```
.background{ background-color: rgb(159, 23,  
21) }
```

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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