

# Converting Colors

YUV(82.5210, -23.9209,  
-27.6439)

Have a look what the booklet for  
YUV(82.5210, -23.9209, -27.6439)  
contains.

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# Color

**YUV(82.5210, -23.9209,  
-27.6439)**

# Conversions

## Conversions Part 1

Format	Color
Hex	336C22
RGB	51, 108, 34
RGB Percent	20%, 42%, 13%
CMY	0.8000, 0.5765, 0.8667
CMYK	0.53, 0.00, 0.69, 0.58
HSL	106°, 52%, 28%
HSV	106°, 69%, 42%
XYZ	7.0165, 11.5444, 3.3719
YIQ	82.5210, -10.2180, -35.0980

# Conversions

## Conversions Part 2

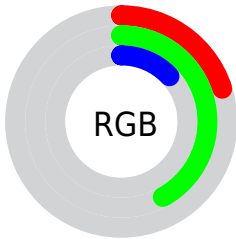
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 108, 91
Decimal	3370018
CIE <sub>Lab</sub>	40.48, -33.71, 34.58
CIE <sub>LCh</sub>	40, 48.292, 134.273
Yxy	11.5444, 0.3199, 0.5264
Android (android.graphics.Color)	4281560098 (0xFF336C22)
YUV	82.5210, -23.9209, -27.6439
Hunter-Lab	33.9771, -22.5982, 17.9001

# Details

The YUV color **82.5210, -23.9209, -27.6439** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **59.4790, 23.9209, 27.6439**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0650, -25.6680, -27.2440**, and **35.2200, -17.3635, -30.8879** is the 20% darker color. If you saturate the color by 10%, you get **78.8750, -27.5464, -31.4624**, and if you desaturate by 10%, it is **86.1670, -20.2953, -23.8255**.

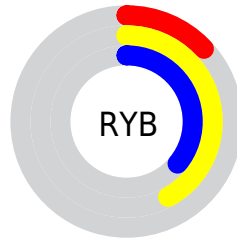
# Distribution



Red (20%)

Green (42%)

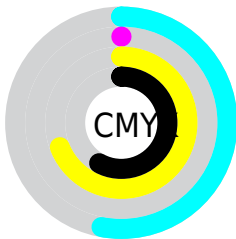
Blue (13%)



Red (13%)

Yellow (42%)

Blue (36%)

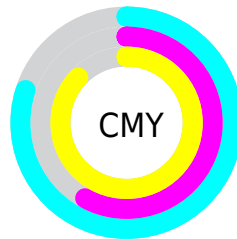


Cyan (53%)

Magenta (0%)

Yellow (69%)

Black (58%)



Cyan (80%)

Magenta (58%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 82.5210, -23.9209, -27.6439 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 82.5210, -23.9209, -27.6439 by changing the saturation by 10% instead.



■ 82.5210, -23.9209,  
-27.6439

■ 82.5210, -23.9209,  
-27.6439

255.0000, 0.0000,  
0.0000

■ 56.5100, -23.9154,  
-29.3883

■ 134.0650,  
-25.6680, -27.2440

■ 35.2200, -17.3635,  
-30.8879

■ 160.8370,  
-26.5416, -27.0440

■ 22.3060, -10.9969,  
-19.5624

■ 188.3100,  
-27.2678, -27.4589

■ 1.7610, -0.8682,  
-1.5444

■ 216.4840,  
-27.8466, -28.4885

■ 0.0000, 0.0000,  
0.0000

■ 234.6900,  
-23.5112, -19.0221

■ 246.5530,

-15.5556, -3.9930

253.7460, -4.8048,  
1.0998

82.5210, -23.9209,  
-27.6439

82.5210, -23.9209,  
-27.6439

78.8750, -27.5464,  
-31.4624

86.1670, -20.2953,  
-23.8255

74.9300, -31.0245,  
-35.8956

90.1120, -16.8172,  
-19.3922

71.3980, -34.2132,  
-39.8140

93.6440, -13.6285,  
-15.4738

70.8710, -34.9394,  
-40.2289

97.2900, -10.0030,  
-11.6553

101.2350, -6.5249,  
-7.2221

■ 104.8810, -2.8993,  
-3.4036

■ 108.5270, 0.7262,  
0.4148

■ 112.3580, 3.7675,  
4.9480

■ 116.0040, 7.3930,  
8.7665

# Harmonies

## Analogous

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



87.2300, -42.5114, 8.5683



82.5210, -23.9209, -27.6439



74.6530, -0.8149, -65.4707

# Triad

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



82.5210, -23.9209, -27.6439



81.8300, 44.4538, -71.7649



91.3980, -6.6052, 65.4260

# Complementary

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



82.5210, -23.9209, -27.6439



59.4790, 23.9209, 27.6439

# 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.



95.3160, 11.1832, 53.2199



82.5210, -23.9209, -27.6439



89.1380, 40.8510, -36.0780

# Square

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



82.5210, -23.9209, -27.6439



82.8440, 33.1079, -72.6542



98.1190, 26.5633, 20.0666



91.9350, -24.6180, 56.1850



# Rectangle

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



82.5210, -23.9209, -27.6439



78.3180, 10.6892, -68.6849



98.1190, 26.5633, 20.0666



91.9940, -0.4900, 64.0263

# Sweetspot

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



82.5210, -23.9209, -27.6439



130.1160, -9.4242, -10.6257



89.5850, -27.4034, 16.1500



65.1750, -5.5093, -6.2925



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



82.5210, -23.9209, -27.6439



100.5780, -37.2600, -42.6029



79.7180, -12.6790, -40.0947



51.8210, -1.8838, -2.4740



76.7520, -37.8387, -43.6325



160.5590, -79.1556, -91.6982



# Inverse Universe

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



59.4790, 23.9209, 27.6439



64.7210, 37.1125, 43.2177



62.2820, 12.6790, 40.0947



49.8800, 2.0312, 1.8592



40.2480, 37.8387, 43.6325



84.4410, 79.1556, 91.6982



# Previews

## White Background



This preview shows how the YUV color 82.5210, -23.9209, -27.6439 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 × Fail



# Black Background



This preview shows how the YUV color 82.5210, -23.9209, -27.6439 looks on a black 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

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

# YUV 82.5210, -23.9209, -27.6439

## Background



This preview shows how black text looks on a background with the YUV color 82.5210, -23.9209, -27.6439.



This preview shows how white text looks on a background with the YUV color 82.5210, -23.9209,



# 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

82.5210, -23.9209, -27.6439

### Protanopia

90.9930, -29.5765, 13.1611

### Deuteranopia

92.6720, -25.9673, 22.2127



## Tritanopia

91.1480, 8.8010, -22.9318

# Trichromacy



## Original Color

82.5210, -23.9209, -27.6439

## Protanomaly

88.0620, -27.6386, -1.8084

## Deuteranomaly

89.3770, -25.3289, 4.0544

## Tritanomaly

88.3360, -3.1236, -24.8507

# Monochromacy



## Original Color

82.5210, -23.9209, -27.6439

## Achromatopsia

83.0000, 0.0000, 0.0000

## Achromatomaly

82.6430, -8.6980, -10.2109

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 82.5210, -23.9209, -27.6439 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(51, 108, 34)` looks like.

```
.text, #text, p{  
    color:rgb(51, 108, 34)  
}
```

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(51, 108, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 108, 34) }
```

## Border

The CSS property to change the border of an element to YUV 82.5210, -23.9209, -27.6439 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(51, 108, 34) }
```



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

```
.border{ border-color:rgb(51, 108, 34) }
```

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

Here you see how a box with a 4 pixel rgb(51, 108, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 108, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 108, 34);  
box-shadow:4px 4px 4px 4px rgb(51, 108,  
34) }
```

# Background

The CSS property to change the background color of an element to YUV 82.5210, -23.9209, -27.6439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 108, 34) }
```

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

```
.background{ background-color: rgb(51, 108,  
34) }
```

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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