

# Converting Colors

YUV(85.2030, -24.7501, 5.0840)

Have a look what the booklet for  
YUV(85.2030, -24.7501, 5.0840)  
contains.

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# Color

**YUV(85.2030, -24.7501,  
5.0840)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B5C23
RGB	91, 92, 35
RGB Percent	36%, 36%, 14%
CMY	0.6431, 0.6392, 0.8627
CMYK	0.01, 0.00, 0.62, 0.64
HSL	61°, 45%, 25%
HSV	61°, 62%, 36%
XYZ	8.4449, 9.9998, 3.0752
YIQ	85.2030, 17.7010, -17.9390

# Conversions

## Conversions Part 2

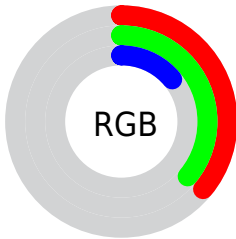
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 92, 36
Decimal	5987363
CIELab	37.84, -8.97, 31.92
CIELCh	38, 33.159, 105.688
Yxy	9.9998, 0.3924, 0.4647
Android (android.graphics.Color)	4284177443 (0xFF5B5C23)
YUV	85.2030, -24.7501, 5.0840
Hunter-Lab	31.6224, -7.6701, 16.3700

# Details

The YUV color **85.2030, -24.7501, 5.0840** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **41.7970, 24.7501, -5.0840**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.4590, -26.3553, 6.6135**, and **40.1580, -19.7979, 3.3694** is the 20% darker color. If you saturate the color by 10%, you get **84.1770, -28.6813, 5.9838**, and if you desaturate by 10%, it is **86.2290, -20.8189, 4.1842**.

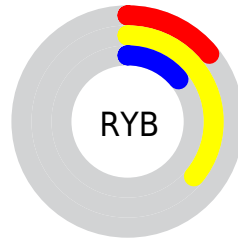
# Distribution



Red (36%)

Green (36%)

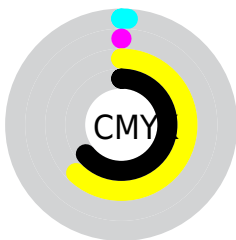
Blue (14%)



Red (14%)

Yellow (36%)

Blue (14%)

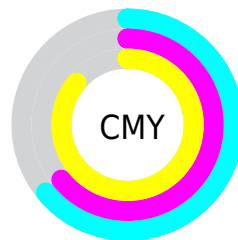


Cyan (1%)

Magenta (0%)

Yellow (62%)

Black (64%)



Cyan (64%)

Magenta (64%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 85.2030, -24.7501, 5.0840 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 85.2030, -24.7501, 5.0840 by changing the saturation by 10% instead.



■ 85.2030, -24.7501,  
5.0840

■ 85.2030, -24.7501,  
5.0840

■ 255.0000, 0.0000,  
0.0000

■ 61.4910, -24.8921,  
3.9544

■ 135.4590,  
-26.3553, 6.6135

■ 40.1580, -19.7979,  
3.3694

■ 161.6440,  
-26.9395, 7.3282

■ 20.9430, -10.3249,  
-1.7040

■ 189.4160,  
-27.8131, 7.5282

■ 0.0000, 0.0000,  
0.0000

■ 217.1880,  
-28.6867, 7.7281

■ 245.3730,  
-29.2709, 8.4429

■ 250.3260,

-17.9087, 4.0991

253.6320, -5.2416,  
1.1997

85.2030, -24.7501,  
5.0840

85.2030, -24.7501,  
5.0840

84.1770, -28.6813,  
5.9838

86.2290, -20.8189,  
4.1842

83.1510, -32.6124,  
6.8836

87.2550, -16.8877,  
3.2844

82.0110, -36.9804,  
7.8834

88.3950, -12.5197,  
2.2846

80.9140, -39.8906,  
7.9684

89.7200, -8.7360,  
1.9996

90.7460, -4.8048,  
1.0998

■ 91.7720, -0.8736,  
0.2000

■ 92.7980, 3.0576,  
-0.6998

■ 93.9380, 7.4256,  
-1.6996

■ 94.9640, 11.3567,  
-2.5994

# Harmonies

## Analogous

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



87.2100, -25.2465, 24.3718



85.2030, -24.7501, 5.0840



81.4650, -15.5122, -17.9478

# Triad

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



85.2030, -24.7501, 5.0840



73.7650, 26.2449, -64.6919



91.1260, 5.8539, 35.8465

# Complementary

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



85.2030, -24.7501, 5.0840



41.7970, 24.7501, -5.0840

# 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.



91.6810, 17.4123, 15.1888



85.2030, -24.7501, 5.0840



72.4260, 33.8070, -63.5176

# Square

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



85.2030, -24.7501, 5.0840



72.2030, 15.1829, -63.3220



87.7740, 26.2404, -16.4648



89.5540, -6.6821, 43.3641



# Rectangle

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



85.2030, -24.7501, 5.0840



76.6780, -5.2643, -38.3056



87.7740, 26.2404, -16.4648



91.5320, 10.0907, 30.2284

# Sweetspot

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



85.2030, -24.7501, 5.0840



117.0790, -9.8989, 1.6847



52.6300, -8.6916, 34.5275



59.4040, -6.1152, 1.3997



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



85.2030, -24.7501, 5.0840



109.2560, -38.5802, 7.6685



76.8310, -20.6227, -12.1298



45.4300, -2.1840, 0.4999



96.8620, -47.7530, 9.7680



208.7860, -102.9315, 21.2357



# Inverse Universe

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



41.7970, 24.7501, -5.0840



41.7440, 38.5802, -7.6685



50.1690, 20.6227, 12.1298



41.5700, 2.1840, -0.4999



13.1380, 47.7530, -9.7680



28.2140, 102.9315, -21.2357



# Previews

## White Background



This preview shows how the YUV color 85.2030, -24.7501, 5.0840 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



This preview shows how the YUV color 85.2030, -24.7501, 5.0840 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

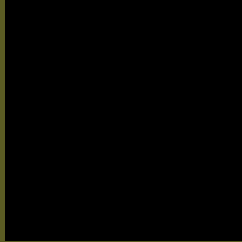
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 85.2030, -24.7501, 5.0840

## Background



This preview shows how black text looks on a background with the YUV color 85.2030, -24.7501, 5.0840.



This preview shows how white text looks on a background with the YUV color 85.2030, -24.7501,



# 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

85.2030, -24.7501, 5.0840

### Protanopia

85.7200, -25.4980, 11.6466

### Deuteranopia

87.3020, -24.7989, 20.7831



## Tritanopia

90.0870, 1.4361, 6.0627

# Trichromacy



## Original Color

85.2030, -24.7501, 5.0840

## Protanomaly

85.4100, -25.3451, 9.2874

## Deuteranomaly

86.8560, -25.0720, 15.0353

## Tritanomaly

88.2690, -8.0206, 5.9031

# Monochromacy



## Original Color

85.2030, -24.7501, 5.0840

## Achromatopsia

85.0000, 0.0000, 0.0000

## Achromatomaly

85.3070, -9.0254, 1.4848

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 85.2030, -24.7501, 5.0840 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(91, 92, 35)` looks like.

```
.text, #text, p{  
    color:rgb(91, 92, 35)  
}
```

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(91, 92, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 92, 35) }
```

## Border

The CSS property to change the border of an element to YUV 85.2030, -24.7501, 5.0840 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(91, 92, 35) }
```



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

```
.border{ border-color:rgb(91, 92, 35) }
```

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

Here you see how a box with a 4 pixel rgb(91, 92, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 92, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 92, 35);  
box-shadow:4px 4px 4px 4px rgb(91, 92, 35)  
}
```

# Background

The CSS property to change the background color of an element to YUV 85.2030, -24.7501, 5.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 92, 35) }
```

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

```
.background{ background-color: rgb(91, 92,  
35) }
```

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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