

# Converting Colors

YUV(106.2360, -47.9373,  
69.0760)

Have a look what the booklet for  
YUV(106.2360, -47.9373, 69.0760)  
contains.

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# Color

**YUV(106.2360, -47.9373,  
69.0760)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B95509
RGB	185, 85, 9
RGB Percent	73%, 33%, 4%
CMY	0.2745, 0.6667, 0.9647
CMYK	0.00, 0.54, 0.95, 0.27
HSL	26°, 91%, 38%
HSV	26°, 95%, 73%
XYZ	23.3054, 16.8310, 2.2788
YIQ	106.2360, 83.9960, -2.4360

# Conversions

## Conversions Part 2

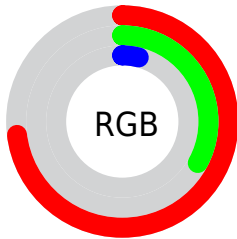
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 143, 9
Decimal	12145929
CIE Lab	48.05, 36.89, 55.31
CIE LCh	48, 66.482, 56.298
Yxy	16.8310, 0.5495, 0.3968
Android (android.graphics.Color)	4290336009 (0xFFB95509)
YUV	106.2360, -47.9373, 69.0760
Hunter-Lab	41.0256, 29.6055, 25.4246

# Details

The YUV color **106.2360, -47.9373, 69.0760** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **87.7640, 47.9373, -69.0760**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6820, -47.6642, 74.8239**, and **57.6210, -28.4072, 58.2144** is the 20% darker color. If you saturate the color by 10%, you get **102.2750, -50.4216, 72.5498**, and if you desaturate by 10%, it is **114.7450, -43.2583, 61.6136**.

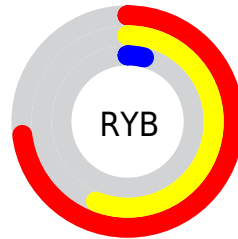
# Distribution



Red (73%)

Green (33%)

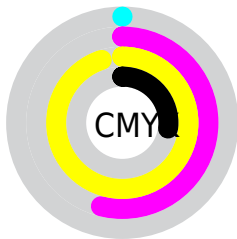
Blue (4%)



Red (73%)

Yellow (56%)

Blue (4%)

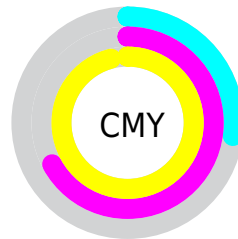


Cyan (0%)

Magenta (54%)

Yellow (95%)

Black (27%)



Cyan (27%)

Magenta (67%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 106.2360, -47.9373, 69.0760 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 106.2360, -47.9373, 69.0760 by changing the saturation by 10% instead.



■ 106.2360,  
-47.9373, 69.0760

■ 106.2360,  
-47.9373, 69.0760

■ 255.0000, 0.0000,  
0.0000

■ 81.2660, -40.0641,  
63.7877

■ 161.6820,  
-47.6642, 74.8239

■ 57.6210, -28.4072,  
58.2144

■ 182.7730,  
-45.7371, 63.3431

■ 31.9270, -15.7400,  
55.3150

■ 201.5860,  
-42.1939, 46.8441

■ 19.7340, -9.7289,  
40.5753

■ 221.1000,  
-38.5033, 29.7303

■ 12.3730, -5.6069,  
25.1059

■ 241.2010,  
-35.1021, 12.1017

■ 0.0000, 0.0000,  
0.0000

■ 248.5020,

-24.8975, 5.6987

251.8080,  
-12.2303, 2.7994

106.2360,  
-47.9373, 69.0760

106.2360,  
-47.9373, 69.0760

102.2750,  
-50.4216, 72.5498

114.7450,  
-43.2583, 61.6136

122.7810,  
-37.8530, 54.5661

131.2900,  
-33.1740, 47.1037

139.3260,  
-27.7687, 40.0561

147.9490,  
-22.6529, 32.4937

■ 155.8710,  
-17.6844, 25.5461

■ 164.4940,  
-12.5685, 17.9838

■ 172.4160, -7.6001,  
11.0362

■ 180.9250, -2.9210,  
3.5738

# Harmonies

## Analogous

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



103.1150, -17.3117, 92.8611



106.2360, -47.9373, 69.0760



107.0390, -52.7702, 32.4148

# Triad

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



106.2360, -47.9373, 69.0760



92.9760, 5.9278, -81.5400



112.3050, 51.1216, -16.9305

# Complementary

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



106.2360, -47.9373, 69.0760



87.7640, 47.9373, -69.0760

# 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.



98.0790, 63.5581, -86.0153



106.2360, -47.9373, 69.0760



100.0610, 30.5359, -87.7535

# Square

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



106.2360, -47.9373, 69.0760



83.9020, -18.6857, -73.5821



102.8430, 51.3494, -90.1933



114.4680, 30.8283, 52.2096



# Rectangle

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



106.2360, -47.9373, 69.0760



103.9170, -51.2311, 5.3348



102.8430, 51.3494, -90.1933



98.9620, 61.1507, -60.4797

# Sweetspot

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



106.2360, -47.9373, 69.0760



208.5400, -19.0002, 27.5904



73.3660, 19.0466, 97.9030



101.1240, -11.4001, 16.5543



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



106.2360, -47.9373, 69.0760



132.8080, -65.4743, 94.0074



156.1310, -72.5356, 25.3181



88.0390, -2.4842, 3.4738



85.9730, -42.3847, 61.4137



15.4160, -7.6001, 11.0362



# Inverse Universe

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



87.7640, 47.9373, -69.0760



107.1920, 65.4743, -94.0074



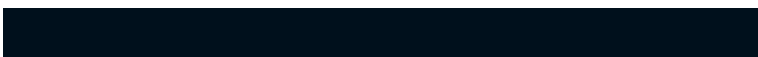
37.8690, 72.5356, -25.3181



86.9610, 2.4842, -3.4738



69.4400, 42.6741, -60.8989



12.5840, 7.6001, -11.0362



# Previews

## White Background



This preview shows how the YUV color 106.2360, -47.9373, 69.0760 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 106.2360, -47.9373, 69.0760 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 106.2360, -47.9373, 69.0760

## Background



This preview shows how black text looks on a background with the YUV color 106.2360, -47.9373, 69.0760.



This preview shows how white text looks on a background with the YUV color 106.2360, -47.9373, 69.0760.



# 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

106.2360, -47.9373, 69.0760

### Protanopia

108.2420, -43.9963, 18.2048

### Deuteranopia

107.3380, -52.9176, 33.0296



## Tritanopia

111.8620, -13.7360, 65.8960

# Trichromacy



## Original Color

106.2360, -47.9373, 69.0760

## Protanomaly

107.3090, -45.5083, 36.5630

## Deuteranomaly

106.8820, -51.2138, 46.5845

## Tritanomaly

109.6590, -25.9609, 66.9511

# Monochromacy



## Original Color

106.2360, -47.9373, 69.0760

## Achromatopsia

106.0000, 0.0000, 0.0000

## Achromatomaly

105.9850, -17.2476, 25.4462

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 106.2360, -47.9373, 69.0760 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(185, 85, 9)` looks like.

```
.text, #text, p{  
    color:rgb(185, 85, 9)  
}
```

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(185, 85, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 85, 9) }
```

## Border

The CSS property to change the border of an element to YUV 106.2360, -47.9373, 69.0760 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(185, 85, 9) }
```



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

```
.border{ border-color:rgb(185, 85, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 85, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 85, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 85, 9);  
box-shadow:4px 4px 4px 4px rgb(185, 85, 9)  
}
```

# Background

The CSS property to change the background color of an element to YUV 106.2360, -47.9373, 69.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 85, 9) }
```

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

```
.background{ background-color: rgb(185, 85,  
9) }
```

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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