

# Converting Colors

YUV(64.5150, -24.4109,  
36.3823)

Have a look what the booklet for  
YUV(64.5150, -24.4109, 36.3823)  
contains.

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# Color

**YUV(64.5150, -24.4109,  
36.3823)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A350F
RGB	106, 53, 15
RGB Percent	42%, 21%, 6%
CMY	0.5843, 0.7922, 0.9412
CMYK	0.00, 0.50, 0.86, 0.58
HSL	25°, 75%, 24%
HSV	25°, 86%, 42%
XYZ	7.3032, 5.6449, 1.1566
YIQ	64.5150, 43.7860, -0.5820

# Conversions

## Conversions Part 2

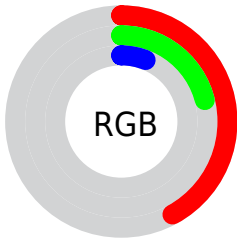
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 80, 15
Decimal	6960399
CIE <sub>Lab</sub>	28.50, 20.76, 32.76
CIE <sub>LCh</sub>	28, 38.783, 57.630
Yxy	5.6449, 0.5178, 0.4002
Android (android.graphics.Color)	4285150479 (0xFF6A350F)
YUV	64.5150, -24.4109, 36.3823
Hunter-Lab	23.7589, 13.2904, 13.7450

# Details

The YUV color **64.5150, -24.4109, 36.3823** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **56.4850, 24.4109, -36.3823**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.9780, -26.6112, 42.1153**, and **21.1300, -10.4171, 27.9500** is the 20% darker color. If you saturate the color by 10%, you get **59.7390, -27.4793, 40.5709**, and if you desaturate by 10%, it is **69.2910, -21.3425, 32.1938**.

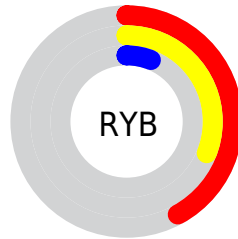
# Distribution



Red (42%)

Green (21%)

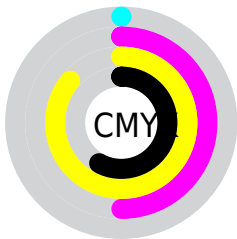
Blue (6%)



Red (42%)

Yellow (31%)

Blue (6%)

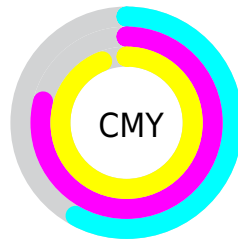


Cyan (0%)

Magenta (50%)

Yellow (86%)

Black (58%)



Cyan (58%)

Magenta (79%)


Yellow (94%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 64.5150, -24.4109, 36.3823 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 64.5150, -24.4109, 36.3823 by changing the saturation by 10% instead.





 64.5150, -24.4109,  
36.3823

 64.5150, -24.4109,  
36.3823


 253.8600, -4.3680,  
0.9998


 42.1170, -20.7637,  
33.2234

 113.9780,  
-26.6112, 42.1153


 21.1300, -10.4171,  
27.9500


 140.6470,  
-27.9270, 44.1596

 8.4860, -3.6906,  
17.1138

 167.4300,  
-28.8060, 46.1039

 0.0000, 0.0000,  
0.0000

 195.0990,  
-30.1218, 48.1482

 215.5210,  
-26.8789, 34.6231

 235.6220,

-23.4776, 16.9945

■ 250.5540,  
-17.0351, 3.8991

■ 64.5150, -24.4109,  
36.3823

■ 64.5150, -24.4109,  
36.3823

■ 59.7390, -27.4793,  
40.5709

■ 69.2910, -21.3425,  
32.1938

■ 57.5220, -28.3583,  
42.5152

■ 73.9530, -18.7108,  
28.1052

■ 79.3160, -15.9318,  
23.4019

■ 83.9780, -13.3002,  
19.3133

■ 88.7540, -10.2317,  
15.1247

■ 93.5300, -7.1633,  
10.9362

■ 98.1920, -4.5317,  
6.8476

■ 102.9680, -1.4632,  
2.6591

■ 108.2170, 0.8790,  
-1.9443

# Harmonies

## Analogous

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



64.3220, -11.4977, 47.9526



64.5150, -24.4109, 36.3823



63.2710, -31.1926, 18.1793

# Triad

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



64.5150, -24.4109, 36.3823



54.8430, 4.5144, -48.0973



67.5520, 26.3499, -4.8691

# Complementary

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



64.5150, -24.4109, 36.3823



56.4850, 24.4109, -36.3823

# 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.



56.1550, 34.9266, -49.2479



64.5150, -24.4109, 36.3823



58.2630, 17.6183, -51.0967

# Square

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



64.5150, -24.4109, 36.3823



50.7330, -8.7424, -42.7388



59.1240, 28.5329, -51.8517



68.6010, 15.4797, 28.4139



# Rectangle

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



64.5150, -24.4109, 36.3823



61.1120, -30.1282, 3.4098



59.1240, 28.5329, -51.8517



63.7780, 30.1824, -20.8533

# Sweetspot

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



64.5150, -24.4109, 36.3823



121.5690, -9.6475, 14.4100



48.2510, 9.7363, 50.6459



58.9750, -5.4107, 8.7919



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



64.5150, -24.4109, 36.3823



75.3080, -37.1268, 54.9809



90.9300, -37.4335, 13.2164



50.9680, -1.4632, 2.6591



63.7460, -31.4268, 46.7038



133.1290, -65.6326, 98.1109



# Inverse Universe

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



56.4850, 24.4109, -36.3823



62.6920, 37.1268, -54.9809



30.0700, 37.4335, -13.2164



50.4450, 1.7526, -2.1443



53.2540, 31.4268, -46.7038



111.8710, 65.6326, -98.1109



# Previews

## White Background



This preview shows how the YUV color 64.5150, -24.4109, 36.3823 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 64.5150, -24.4109, 36.3823 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

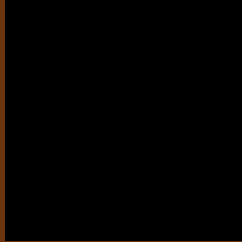
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 64.5150, -24.4109, 36.3823

## Background



This preview shows how black text looks on a background with the YUV color 64.5150, -24.4109, 36.3823.



This preview shows how white text looks on a background with the YUV color 64.5150, -24.4109,



# 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

64.5150, -24.4109, 36.3823

### Protanopia

64.8060, -22.5824, 9.8171

### Deuteranopia

64.1940, -27.7036, 19.1239



## Tritanopia

67.0970, -6.9498, 35.8719

# Trichromacy



## Original Color

64.5150, -24.4109, 36.3823

## Protanomaly

65.0460, -23.1937, 19.2537

## Deuteranomaly

64.2810, -26.2675, 25.1866

## Tritanomaly

65.7890, -13.2070, 36.1420

# Monochromacy



## Original Color

64.5150, -24.4109, 36.3823

## Achromatopsia

65.0000, 0.0000, 0.0000

## Achromatomaly

65.0850, -8.9159, 13.0805

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 64.5150, -24.4109, 36.3823 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(106, 53, 15)` looks like.

```
.text, #text, p{  
    color:rgb(106, 53, 15)  
}
```

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(106, 53, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 53, 15) }
```

## Border

The CSS property to change the border of an element to YUV 64.5150, -24.4109, 36.3823 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(106, 53, 15) }
```



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

```
.border{ border-color:rgb(106, 53, 15) }
```

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

Here you see how a box with a 4 pixel rgb(106, 53, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 53, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 53, 15);  
box-shadow:4px 4px 4px 4px rgb(106, 53,  
15) }
```

# Background

The CSS property to change the background color of an element to YUV 64.5150, -24.4109, 36.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 53, 15) }
```

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

```
.background{ background-color: rgb(106, 53,  
15) }
```

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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