

# Converting Colors

YUV(96.3770, -45.5419, 0.5464)

Have a look what the booklet for  
YUV(96.3770, -45.5419, 0.5464)  
contains.

<b>YUV(96.3770, -45.5419, 0.5464)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(96.3770, -45.5419,  
0.5464)**

# Conversions

## Conversions Part 1

Format	Color
Hex	617204
RGB	97, 114, 4
RGB Percent	38%, 45%, 2%
CMY	0.6196, 0.5529, 0.9843
CMYK	0.15, 0.00, 0.96, 0.55
HSL	69°, 93%, 23%
HSV	69°, 96%, 45%
XYZ	10.9690, 14.5848, 2.3519
YIQ	96.3770, 25.1780, -37.8140

# Conversions

## Conversions Part 2

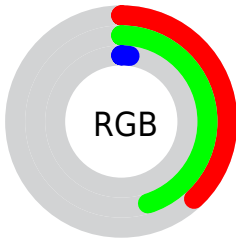
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 114, 21
Decimal	6386180
CIE Lab	45.06, -19.76, 49.58
CIE LCh	45, 53.369, 111.728
Yxy	14.5848, 0.3931, 0.5226
Android (android.graphics.Color)	4284576260 (0xFF617204)
YUV	96.3770, -45.5419, 0.5464
Hunter-Lab	38.1900, -15.5635, 23.0817

# Details

The YUV color **96.3770, -45.5419, 0.5464** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **21.6230, 45.5419, -0.5464**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.8870, -42.3423, 0.9761**, and **52.4960, -25.8805, -5.6970** is the 20% darker color. If you saturate the color by 10%, you get **95.6220, -47.1416, 0.3315**, and if you desaturate by 10%, it is **98.2290, -41.0319, 0.6762**.

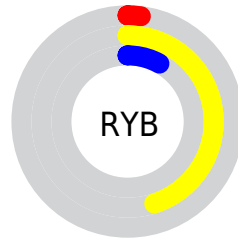
# Distribution



Red (38%)

Green (45%)

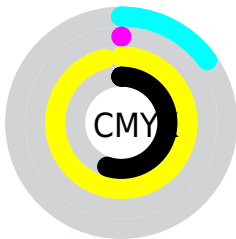
Blue (2%)



Red (2%)

Yellow (45%)

Blue (8%)

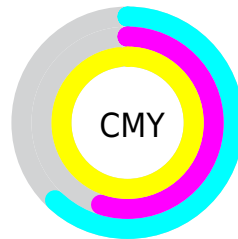


Cyan (15%)

Magenta (0%)

Yellow (96%)

Black (55%)



Cyan (62%)

Magenta (55%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 96.3770, -45.5419, 0.5464 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 96.3770, -45.5419, 0.5464 by changing the saturation by 10% instead.



■ 96.3770, -45.5419,  
0.5464

■ 96.3770, -45.5419,  
0.5464

255.0000, 0.0000,  
0.0000

■ 73.4720, -36.2217,  
-2.1679

■ 149.8870,  
-42.3423, 0.9761

■ 52.4960, -25.8805,  
-5.6970

■ 177.0720,  
-42.9265, 1.6909

■ 31.8080, -15.6813,  
-10.3556

■ 204.8440,  
-43.8001, 1.8908

■ 14.6750, -7.2348,  
-12.8700

■ 233.0290,  
-44.3843, 2.6056

■ 0.0000, 0.0000,  
0.0000

■ 245.3100,  
-37.1278, 8.4981

■ 248.5020,

-24.8975, 5.6987

■ 251.6940,  
-12.6671, 2.8994

■ 96.3770, -45.5419,  
0.5464

■ 96.3770, -45.5419,  
0.5464

■ 95.6220, -47.1416,  
0.3315

■ 98.2290, -41.0319,  
0.6762

■ 100.1950,  
-36.0851, 0.7060

■ 101.7480,  
-31.4278, 0.2210

■ 103.7140,  
-26.4810, 0.2508

■ 105.5660,  
-21.9710, 0.3806

■ 107.4180,  
-17.4611, 0.5104

■ 109.0850,  
-12.3669, -0.0745

■ 110.9370, -7.8569,  
0.0553

■ 112.9030, -2.9102,  
0.0851

# Harmonies

## Analogous

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



99.9620, -49.2813, 33.3593



96.3770, -45.5419, 0.5464



87.8500, -19.6460, -45.4724

# Triad

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



96.3770, -45.5419, 0.5464



92.8520, 40.9920, -81.4312



104.5950, 8.0877, 66.1302

# Complementary

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



96.3770, -45.5419, 0.5464



21.6230, 45.5419, -0.5464

# 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.



109.6800, 25.7938, 33.6066



96.3770, -45.5419, 0.5464



89.7350, 51.8956, -78.6976

# Square

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



96.3770, -45.5419, 0.5464



90.2810, 23.5255, -79.1764



104.5790, 42.1126, -20.6788



101.5470, -12.5947, 73.1883



# Rectangle

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



96.3770, -45.5419, 0.5464



82.1530, -2.5404, -72.0482



104.5790, 42.1126, -20.6788



106.2610, 14.6613, 57.6531

# Sweetspot

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



96.3770, -45.5419, 0.5464



141.0050, -17.7505, -0.0044



46.8690, -21.1344, 58.8739



69.8400, -10.7671, 0.1403



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



96.3770, -45.5419, 0.5464



124.2510, -61.2557, 0.6569



79.9320, -37.4345, -33.2664



55.0170, -2.4734, -0.0149



100.6390, -49.6150, 0.3166



207.4800, -102.2876, 1.3330



# Inverse Universe

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



21.6230, 45.5419, -0.5464



23.7490, 61.2557, -0.6569



38.0680, 37.4345, 33.2664



50.9830, 2.4734, 0.0149



19.3610, 49.6150, -0.3166



39.5200, 102.2876, -1.3330



# Previews

## White Background



This preview shows how the YUV color 96.3770, -45.5419, 0.5464 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 96.3770, -45.5419, 0.5464 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

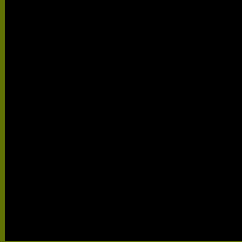
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 96.3770, -45.5419, 0.5464

## Background



This preview shows how black text looks on a background with the YUV color 96.3770, -45.5419, 0.5464.



This preview shows how white text looks on a background with the YUV color 96.3770, -45.5419,

0.5464.

# 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

96.3770, -45.5419, 0.5464

### Protanopia

98.6890, -48.6537, 18.6897

### Deuteranopia

101.6330, -40.2451, 28.3859



**Tritanopia**

106.9120, 3.4944, -0.7998

# Trichromacy



## Original Color

96.3770, -45.5419, 0.5464

## Protanomaly

98.1720, -47.9058, 12.1272

## Deuteranomaly

99.9970, -42.3965, 18.4196

## Tritanomaly

103.2160, -14.4035, -0.1894

# Monochromacy



## Original Color

96.3770, -45.5419, 0.5464

## Achromatopsia

96.0000, 0.0000, 0.0000

## Achromatomaly

96.3470, -16.4401, -0.3043

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.3770, -45.5419, 0.5464 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(97, 114, 4)` looks like.

```
.text, #text, p{  
    color:rgb(97, 114, 4)  
}
```

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(97, 114, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 114, 4) }
```

## Border

The CSS property to change the border of an element to YUV 96.3770, -45.5419, 0.5464 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(97, 114, 4) }
```



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

```
.border{ border-color:rgb(97, 114, 4) }
```

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

Here you see how a box with a 4 pixel rgb(97, 114, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 114, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 114, 4);  
box-shadow:4px 4px 4px 4px rgb(97, 114, 4)  
}
```

# Background

The CSS property to change the background color of an element to YUV 96.3770, -45.5419, 0.5464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 114, 4) }
```

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

```
.background{ background-color: rgb(97, 114,  
4) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor