

# Converting Colors

YUV(88.9550, 1.5012, -14.8695)

Have a look what the booklet for  
YUV(88.9550, 1.5012, -14.8695)  
contains.

<b>YUV(88.9550, 1.5012, -14.8695)</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(88.9550, 1.5012,  
-14.8695)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48615C
RGB	72, 97, 92
RGB Percent	28%, 38%, 36%
CMY	0.7176, 0.6196, 0.6392
CMYK	0.26, 0.00, 0.05, 0.62
HSL	168°, 15%, 33%
HSV	168°, 26%, 38%
XYZ	8.8789, 10.6998, 11.7225
YIQ	88.9550, -13.2950, -6.8550

# Conversions

## Conversions Part 2

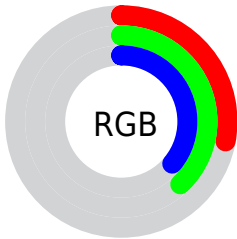
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 86, 97
Decimal	4743516
CIE <sub>Lab</sub>	39.07, -10.50, -0.20
CIE <sub>LCh</sub>	39, 10.503, 181.068
Yxy	10.6998, 0.2837, 0.3418
Android (android.graphics.Color)	4282933596 (0xFF48615C)
YUV	88.9550, 1.5012, -14.8695
Hunter-Lab	32.7106, -8.7915, 1.6496

# Details

The YUV color **88.9550, 1.5012, -14.8695** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **80.0450, -1.5012, 14.8695**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2430, 1.3592, -15.9991**, and **43.2540, 1.3538, -14.2548** is the 20% darker color. If you saturate the color by 10%, you get **85.7370, 2.1017, -20.8173**, and if you desaturate by 10%, it is **92.1730, 0.9007, -8.9217**.

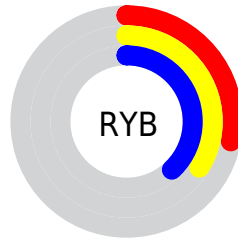
# Distribution



Red (28%)

Green (38%)

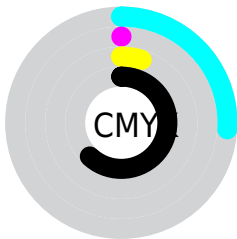
Blue (36%)



Red (28%)

Yellow (34%)

Blue (38%)

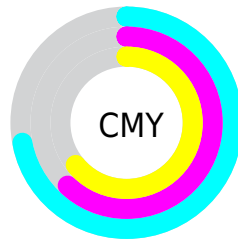


Cyan (26%)

Magenta (0%)

Yellow (5%)

Black (62%)



Cyan (72%)

Magenta (62%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 88.9550, 1.5012, -14.8695 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 88.9550, 1.5012, -14.8695 by changing the saturation by 10% instead.



■ 88.9550, 1.5012,  
-14.8695

■ 88.9550, 1.5012,  
-14.8695

■ 255.0000, 0.0000,  
0.0000

■ 65.3680, 1.7906,  
-14.3547

■ 139.2430, 1.3592,  
-15.9991

■ 43.2540, 1.3538,  
-14.2548

■ 165.3570, 1.7960,  
-16.0991

■ 22.0690, 1.9380,  
-14.9695

■ 192.9440, 1.5066,  
-16.6139

■ 0.0000, 0.0000,  
0.0000

■ 220.6450, 1.6540,  
-17.2287

■ 247.1830, 2.3748,  
-15.0695

■ 88.9550, 1.5012,  
-14.8695

■ 88.9550, 1.5012,  
-14.8695

■ 85.7370, 2.1017,  
-20.8173

■ 92.1730, 0.9007,  
-8.9217

■ 82.8180, 2.5547,  
-26.1504

■ 95.0920, 0.4476,  
-3.5887

■ 79.6000, 3.1552,  
-32.0982

■ 98.3100, -0.1528,  
2.3591

■ 76.3820, 3.7557,  
-38.0460

■ 101.5280, -0.7533,  
8.3069

■ 73.4630, 4.2087,  
-43.3791

■ 104.7460, -1.3538,  
14.2548

■ 70.2450, 4.8092,  
-49.3269

■ 107.6650, -1.8068,  
19.5878

■ 67.0270, 5.4097,  
-55.2747

■ 110.8830, -2.4073,  
25.5356

■ 65.8310, 5.9993,

■ 114.1010, -3.0078,

-57.7338

31.4834

■ 116.9060, -3.8977,  
36.9164

# Harmonies

## Analogous

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



89.5490, -2.7357, -9.2515



88.9550, 1.5012, -14.8695



89.2690, 5.2904, -16.8989

# Triad

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



88.9550, 1.5012, -14.8695



93.1340, 6.8359, 0.7595



92.7150, -7.7475, 11.6509

# Complementary

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



88.9550, 1.5012, -14.8695



80.0450, -1.5012, 14.8695

# 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.



93.5350, -4.7008, 14.4398



88.9550, 1.5012, -14.8695



93.2660, 3.3199, 8.5367

# Square

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



88.9550, 1.5012, -14.8695



91.8340, 8.4628, -7.7474



93.5610, -0.7696, 13.5400



91.8560, -8.3100, 5.3883



# Rectangle

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



88.9550, 1.5012, -14.8695



89.8500, 7.4690, -15.6544



93.5610, -0.7696, 13.5400



92.9540, -6.8793, 13.1953

# Sweetspot

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



88.9550, 1.5012, -14.8695



121.7820, 0.6005, -5.9478



88.1700, -7.9718, -9.7961



61.6790, 0.1583, -4.1035



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000



# Same Dimension

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



88.9550, 1.5012, -14.8695



112.4270, 2.2545, -23.1765



85.4160, 5.7109, -11.7658



46.6900, 0.1528, -2.3591



76.0040, 6.9000, -66.6555



162.7680, 14.4114, -142.7475



# Inverse Universe

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



80.0450, -1.5012, 14.8695



98.5730, -2.2545, 23.1765



83.5840, -5.7109, 11.7658



45.3100, -0.1528, 2.3591



35.9960, -6.9000, 66.6555



77.2320, -14.4114, 142.7475



# Previews

## White Background



This preview shows how the YUV color 88.9550, 1.5012, -14.8695 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 88.9550, 1.5012, -14.8695 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

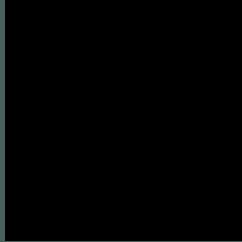
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 88.9550, 1.5012, -14.8695

## Background



This preview shows how black text looks on a background with the YUV color 88.9550, 1.5012, -14.8695.



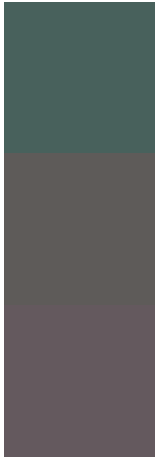
This preview shows how white text looks on a background with the YUV color 88.9550, 1.5012, -14.8695.

-14.8695.

# 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

88.9550, 1.5012, -14.8695

### Protanopia

91.6690, -1.3158, 2.0443

### Deuteranopia

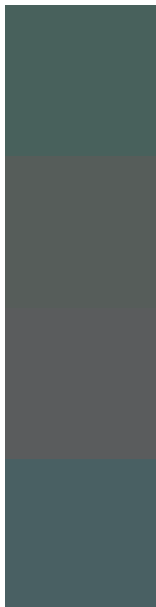
92.8590, 0.5625, 6.2627



## Tritanopia

89.6330, 6.5899, -13.7101

# Trichromacy



## Original Color

88.9550, 1.5012, -14.8695

## Protanomaly

90.5650, -0.2785, -4.0035

## Deuteranomaly

91.5160, 0.7316, -1.3295

## Tritanomaly

89.4650, 4.7008, -14.4398

# Monochromacy



## Original Color

88.9550, 1.5012, -14.8695

## Achromatopsia

89.0000, 0.0000, 0.0000

## Achromatomaly

89.0810, 0.4531, -5.3330

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 88.9550, 1.5012, -14.8695 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(72, 97, 92)` looks like.

```
.text, #text, p{  
    color:rgb(72, 97, 92)  
}
```

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(72, 97, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 97, 92) }
```

## Border

The CSS property to change the border of an element to YUV 88.9550, 1.5012, -14.8695 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(72, 97, 92) }
```



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

```
.border{ border-color:rgb(72, 97, 92) }
```

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

Here you see how a box with a 4 pixel rgb(72, 97, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 97, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 97, 92);  
box-shadow:4px 4px 4px 4px rgb(72, 97, 92)  
}
```

# Background

The CSS property to change the background color of an element to YUV 88.9550, 1.5012, -14.8695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 97, 92) }
```

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

```
.background{ background-color: rgb(72, 97,  
92) }
```

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