

# Converting Colors

YUV(64.2660, 9.7289, -40.5753)

Have a look what the booklet for  
YUV(64.2660, 9.7289, -40.5753)  
contains.

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# Color

**YUV(64.2660, 9.7289,  
-40.5753)**

# Conversions

## Conversions Part 1

Format	Color
Hex	125454
RGB	18, 84, 84
RGB Percent	7%, 33%, 33%
CMY	0.9294, 0.6706, 0.6706
CMYK	0.79, 0.00, 0.00, 0.67
HSL	180°, 65%, 20%
HSV	180°, 79%, 33%
XYZ	5.0200, 7.1093, 9.4952
YIQ	64.2660, -39.3360, -13.9920

# Conversions

## Conversions Part 2

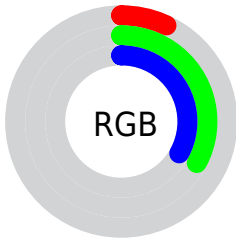
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	18, 51, 84
Decimal	1201236
CIE Lab	32.05, -19.53, -5.84
CIE LCh	32, 20.388, 196.639
Yxy	7.1093, 0.2321, 0.3288
Android (android.graphics.Color)	4279391316 (0xFF125454)
YUV	64.2660, 9.7289, -40.5753
Hunter-Lab	26.6633, -13.0540, -2.4496

# Details

The YUV color **64.2660, 9.7289, -40.5753** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **37.7340, -9.7289, 40.5753**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.9460, 8.4076, -36.7866**, and **26.7520, 6.0383, -23.4615** is the 20% darker color. If you saturate the color by 10%, you get **61.8740, 10.9081, -45.4935**, and if you desaturate by 10%, it is **66.6580, 8.5496, -35.6571**.

# Distribution



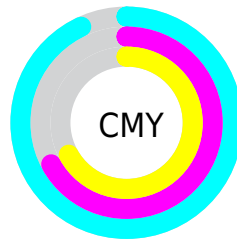
- Red (7%)
- Green (33%)
- Blue (33%)



- Red (7%)
- Yellow (20%)
- Blue (33%)



- Cyan (79%)
- Magenta (0%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (67%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 64.2660, 9.7289, -40.5753 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 64.2660, 9.7289, -40.5753 by changing the saturation by 10% instead.



■ 64.2660, 9.7289,  
-40.5753

■ 64.2660, 9.7289,  
-40.5753

■ 255.0000, 0.0000,  
0.0000

■ 42.7610, 8.9918,  
-37.5014

■ 115.9460, 8.4076,  
-36.7866

■ 26.7520, 6.0383,  
-23.4615

■ 142.0600, 8.8444,  
-36.8866

■ 10.3840, 4.2477,  
-9.1068

■ 169.0600, 8.8444,  
-36.8866

■ 0.0000, 0.0000,  
0.0000

■ 196.6470, 8.5550,  
-37.4014

■ 225.3480, 8.7024,  
-38.0162

■ 241.5450, 6.6333,

-27.6650

250.2160, 2.3585,  
-9.8364

64.2660, 9.7289,  
-40.5753

64.2660, 9.7289,  
-40.5753

61.8740, 10.9081,  
-45.4935

66.6580, 8.5496,  
-35.6571

59.1830, 12.2348,  
-51.0265

69.3490, 7.2229,  
-30.1241

58.8840, 12.3822,  
-51.6413

71.7410, 6.0437,  
-25.2059

74.4320, 4.7170,  
-19.6729

76.8240, 3.5378,  
-14.7546

■ 79.2160, 2.3585,  
-9.8364

■ 81.9070, 1.0318,  
-4.3034

■ 84.2990, -0.1474,  
0.6148

■ 86.9900, -1.4741,  
6.1478

# Harmonies

## Analogous

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



68.6070, -0.7923, -25.9653



64.2660, 9.7289, -40.5753



64.6770, 16.4282, -42.6897

# Triad

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



64.2660, 9.7289, -40.5753



77.2860, 9.7190, 9.3962



74.7880, -15.1785, 15.0949

# Complementary

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



64.2660, 9.7289, -40.5753



37.7340, -9.7289, 40.5753

# 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.



76.1680, -11.4218, 23.5317



64.2660, 9.7289, -40.5753



77.5280, 2.6977, 21.4619

# Square

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



64.2660, 9.7289, -40.5753



75.5550, 15.0094, -7.5027



76.6120, -4.7387, 26.6503



73.2380, -14.4143, 3.2993



# Rectangle

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



64.2660, 9.7289, -40.5753



68.0850, 17.7061, -32.5235



76.6120, -4.7387, 26.6503



75.3370, -14.4631, 18.9985

# Sweetspot

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



64.2660, 9.7289, -40.5753



101.9270, 3.9800, -16.5990



56.7420, -19.0998, -33.9767



51.2160, 2.3585, -9.8364



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000



# Same Dimension

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



64.2660, 9.7289, -40.5753



79.2030, 15.1829, -63.3220



44.8950, 19.2788, -23.5869



39.8040, 0.5896, -2.4591



73.6050, 15.4777, -64.5516



162.6320, 34.1984, -142.6283



# Inverse Universe

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



45.2580, 19.0998, 33.9767



49.5390, 29.8073, 53.0243



57.1050, -19.2788, 23.5869



38.6520, 1.1576, 2.0592



43.3650, 30.3861, 54.0539



95.8160, 67.1387, 119.4334



# Previews

## White Background



This preview shows how the YUV color 64.2660, 9.7289, -40.5753 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 64.2660, 9.7289, -40.5753 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

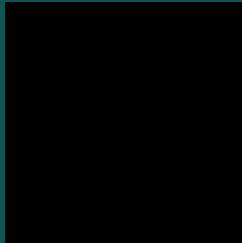
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

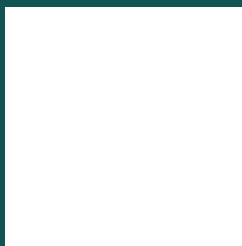
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YUV 64.2660, 9.7289, -40.5753**

## **Background**



This preview shows how black text looks on a background with the YUV color 64.2660, 9.7289, -40.5753.



This preview shows how white text looks on a background with the YUV color 64.2660, 9.7289, -40.5753.



# 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

64.2660, 9.7289, -40.5753

### Protanopia

75.6410, 1.1630, 0.3148

### Deuteranopia

75.6780, 5.0887, 1.1594



## Tritanopia

65.8580, 11.9020, -37.5865

# Trichromacy



## Original Color

64.2660, 9.7289, -40.5753

## Protanomaly

71.3510, 4.2640, -14.3398

## Deuteranomaly

71.6330, 6.5899, -13.7101

## Tritanomaly

65.0320, 11.3232, -38.6161

# Monochromacy



## Original Color

64.2660, 9.7289, -40.5753

## Achromatopsia

64.0000, 0.0000, 0.0000

## Achromatomaly

63.8240, 3.5378, -14.7546

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 64.2660, 9.7289, -40.5753 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(18, 84, 84)` looks like.

```
.text, #text, p{  
    color:rgb(18, 84, 84)  
}
```

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(18, 84, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 84, 84) }
```

## Border

The CSS property to change the border of an element to YUV 64.2660, 9.7289, -40.5753 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(18, 84, 84) }
```



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

```
.border{ border-color:rgb(18, 84, 84) }
```

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

Here you see how a box with a 4 pixel rgb(18, 84, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 84, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 84, 84);  
box-shadow:4px 4px 4px 4px rgb(18, 84, 84)  
}
```

# Background

The CSS property to change the background color of an element to YUV 64.2660, 9.7289, -40.5753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 84, 84) }
```

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

```
.background{ background-color: rgb(18, 84,  
84) }
```

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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