

Converting Colors

YUV(49.6660, 6.5737, -8.4771)

Have a look what the booklet for
YUV(49.6660, 6.5737, -8.4771)
contains.

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Color

**YUV(49.6660, 6.5737,
-8.4771)**

Conversions

Conversions Part 1

Format	Color
Hex	28343F
RGB	40, 52, 63
RGB Percent	16%, 20%, 25%
CMY	0.8431, 0.7961, 0.7529
CMYK	0.37, 0.17, 0.00, 0.75
HSL	209°, 22%, 20%
HSV	209°, 37%, 25%
XYZ	3.0003, 3.2660, 5.1749
YIQ	49.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

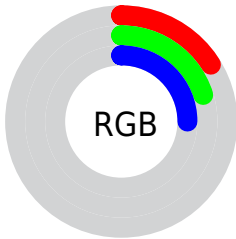
Format	Color
R_{YB}	40, 48, 63
Decimal	2634815
CIE Lab	21.08, -1.80, -8.52
CIE LCh	21, 8.705, 258.038
Yxy	3.2660, 0.2622, 0.2855
Android (android.graphics.Color)	4280824895 (0xFF28343F)
YUV	49.6660, 6.5737, -8.4771
Hunter-Lab	18.0720, -1.9920, -4.3272

Details

The YUV color **49.6660, 6.5737, -8.4771** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53.3340, -6.5737, 8.4771**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.8940, 7.4473, -8.6770**, and **5.9160, 7.4364, -5.1883** is the 20% darker color. If you saturate the color by 10%, you get **46.1110, 8.3263, -10.6213**, and if you desaturate by 10%, it is **53.2210, 4.8210, -6.3328**.

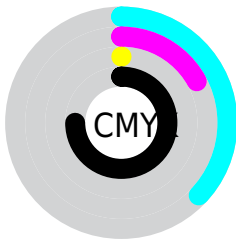
Distribution



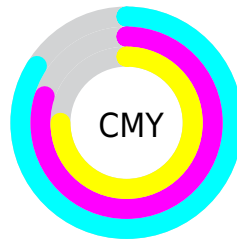
- Red (16%)
- Green (20%)
- Blue (25%)



- Red (16%)
- Yellow (19%)
- Blue (25%)



- Cyan (37%)
- Magenta (17%)
- Yellow (0%)
- Black (75%)



- Cyan (84%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.6660, 6.5737, -8.4771 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 49.6660, 6.5737, -8.4771 by changing the saturation by 10% instead.

■ 49.6660, 6.5737,
-8.4771

■ 49.6660, 6.5737,
-8.4771

■ 255.0000, 0.0000,
0.0000

■ 28.5520, 6.1369,
-8.3771

■ 95.8940, 7.4473,
-8.6770

■ 5.9160, 7.4364,
-5.1883

■ 120.5950, 7.5947,
-9.2918

■ 0.0000, 0.0000,
0.0000

■ 146.5950, 7.5947,
-9.2918

■ 173.2960, 7.7421,
-9.9066

■ 200.4100, 8.1789,
-10.0066

■ 228.4100, 8.1789,

-10.0066

252.3090, 1.3267,
-5.5330

49.6660, 6.5737,
-8.4771

49.6660, 6.5737,
-8.4771

46.1110, 8.3263,
-10.6213

53.2210, 4.8210,
-6.3328

42.2570, 10.2263,
-13.3804

57.0750, 2.9210,
-3.5738

38.7020, 11.9789,
-15.5247

60.6300, 1.1684,
-1.4295

35.1470, 13.7315,
-17.6689

64.1850, -0.5842,
0.7148

31.2930, 15.6316,
-20.4280

68.0390, -2.4842,
3.4738

■ 27.7380, 17.3842,
-22.5722

■ 71.5940, -4.2368,
5.6181

■ 26.5530, 17.9684,
-23.2870

■ 75.1490, -5.9895,
7.7623

■ 78.7040, -7.7421,
9.9066

■ 82.5580, -9.6421,
12.6656

Harmonies

Analogous

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



48.7040, 5.5689, -12.8954



49.6660, 6.5737, -8.4771



50.8840, 5.9732, -2.5293

Triad

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



49.6660, 6.5737, -8.4771



51.4960, -2.2165, 10.9660



49.0550, -3.4781, -4.4332

Complementary

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



49.6660, 6.5737, -8.4771



53.3340, -6.5737, 8.4771

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.



49.5180, -5.6784, 1.2997



49.6660, 6.5737, -8.4771



50.8010, -4.8319, 9.8215

Square

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



49.6660, 6.5737, -8.4771



51.5820, 0.6991, 9.1366



50.4370, -6.1314, 6.6328



48.2330, -0.1149, -9.8513

Rectangle

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



49.6660, 6.5737, -8.4771



51.2760, 4.7939, 2.3889



50.4370, -6.1314, 6.6328



49.7240, -4.7939, -2.3889

Sweetspot

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



49.6660, 6.5737, -8.4771



76.3740, 2.7736, -2.9590



54.7550, -1.8512, -12.9401



37.4450, 1.7526, -2.1443



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



49.6660, 6.5737, -8.4771



60.6700, 10.5157, -12.8656



43.2090, 9.7570, -2.8143



28.9290, 1.0210, -0.8147



39.4790, 26.8789, -34.6231



93.4000, 63.3998, -81.9118

Inverse Universe

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



48.2450, 1.8512, 12.9401



58.8160, 2.5557, 20.3324



59.7910, -9.7570, 2.8143



29.0110, -0.0054, 1.7444



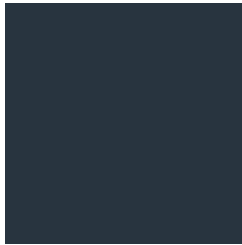
33.6920, 7.5468, 52.8901



79.6020, 17.9442, 124.8830

Previews

White Background



This preview shows how the YUV color 49.6660, 6.5737, -8.4771 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

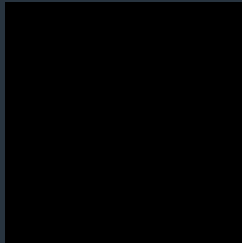
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.6660, 6.5737, -8.4771

Background



This preview shows how black text looks on a background with the YUV color 49.6660, 6.5737, -8.4771.



This preview shows how white text looks on a background with the YUV color 49.6660, 6.5737, -8.4771.

-8.4771.

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

49.6660, 6.5737, -8.4771

Protanopia

50.7700, 5.5364, -2.4293

Deuteranopia

51.2970, 6.2626, -2.0145



Tritanopia

49.2700, 3.8109, -9.0068

Trichromacy



Original Color

49.6660, 6.5737, -8.4771

Protanomaly

50.4600, 5.6892, -4.7884

Deuteranomaly

50.9870, 6.4154, -4.3736

Tritanomaly

49.4980, 4.6845, -9.2067

Monochromacy



Original Color

49.6660, 6.5737, -8.4771

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.9610, 2.4842, -3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.6660, 6.5737, -8.4771 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(40, 52, 63)` looks like.

```
.text, #text, p{  
    color:rgb(40, 52, 63)  
}
```

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(40, 52, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 52, 63) }
```

Border

The CSS property to change the border of an element to YUV 49.6660, 6.5737, -8.4771 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(40, 52, 63) }
```


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

```
.border{ border-color:rgb(40, 52, 63) }
```

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

Here you see how a box with a 4 pixel rgb(40, 52, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 52, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 52, 63);  
box-shadow:4px 4px 4px 4px rgb(40, 52, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.6660, 6.5737, -8.4771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 52, 63) }
```

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

```
.background{ background-color: rgb(40, 52,  
63) }
```

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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