

Converting Colors

YUV(83.4770, 6.6668, 8.3517)

Have a look what the booklet for
YUV(83.4770, 6.6668, 8.3517)
contains.

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Color

**YUV(83.4770, 6.6668,
8.3517)**

Conversions

Conversions Part 1

Format	Color
Hex	5D4C61
RGB	93, 76, 97
RGB Percent	36%, 30%, 38%
CMY	0.6353, 0.7020, 0.6196
CMYK	0.04, 0.22, 0.00, 0.62
HSL	289°, 12%, 34%
HSV	289°, 22%, 38%
XYZ	9.2563, 8.3591, 12.4349
YIQ	83.4770, 3.3910, 10.1350

Conversions

Conversions Part 2

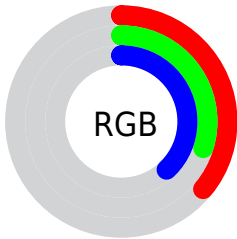
Format	Color
R_{YB}	93, 76, 97
Decimal	6114401
CIE _{Lab}	34.72, 11.42, -9.59
CIE _{LCh}	35, 14.910, 319.990
Yxy	8.3591, 0.3080, 0.2782
Android (android.graphics.Color)	4284304481 (0xFF5D4C61)
YUV	83.4770, 6.6668, 8.3517
Hunter-Lab	28.9121, 6.5512, -5.2617

Details

The YUV color **83.4770, 6.6668, 8.3517** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **89.5230, -6.6668, -8.3517**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.0040, 7.3930, 8.7665**, and **38.6510, 6.0881, 7.3221** is the 20% darker color. If you saturate the color by 10%, you get **77.0090, 9.8556, 12.2701**, and if you desaturate by 10%, it is **89.9450, 3.4781, 4.4332**.

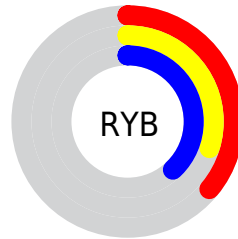
Distribution



Red (36%)

Green (30%)

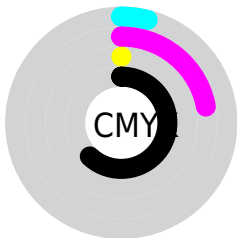
Blue (38%)



Red (36%)

Yellow (30%)

Blue (38%)

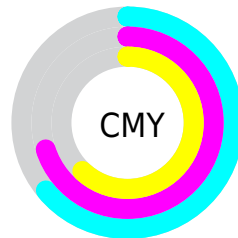


Cyan (4%)

Magenta (22%)

Yellow (0%)

Black (62%)



Cyan (64%)

Magenta (70%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.4770, 6.6668, 8.3517 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 83.4770, 6.6668, 8.3517 by changing the saturation by 10% instead.

■ 83.4770, 6.6668,
8.3517

■ 83.4770, 6.6668,
8.3517

■ 255.0000, 0.0000,
0.0000

■ 60.0640, 6.3774,
7.8369

■ 133.0040, 7.3930,
8.7665

■ 38.6510, 6.0881,
7.3221

■ 159.3030, 7.2456,
9.3813

■ 16.7760, 6.5194,
8.9664

■ 186.4170, 7.6824,
9.2813

■ 0.1140, 0.4368,
-0.1000

■ 213.8300, 7.9718,
9.7961

■ 0.0000, 0.0000,
0.0000

■ 241.7870, 6.5140,
10.7108

83.4770, 6.6668,
8.3517

83.4770, 6.6668,
8.3517

77.0090, 9.8556,
12.2701

89.9450, 3.4781,
4.4332

71.1280, 12.7549,
15.6737

95.8260, 0.5788,
1.0296

64.6600, 15.9436,
19.5922

102.2940, -2.6099,
-2.8888

58.4910, 18.9849,
24.1254

108.4630, -5.6513,
-7.4221

52.6100, 21.8843,
27.5290

114.9310, -8.8400,
-11.3405

46.1420, 25.0730,
31.4475

120.8120,
-11.7393, -14.7441

39.6740, 28.2617,
35.3659


127.2800,
-14.9280, -18.6626

34.6790, 30.7243,

133.7480,

38.8695

-18.1168, -22.5810

 139.6290,
-21.0161, -25.9846

Harmonies

Analogous

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



82.1380, 10.7780, -3.6290



83.4770, 6.6668, 8.3517



83.4520, 1.2562, 17.1436

Triad

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



83.4770, 6.6668, 8.3517



81.6780, -11.6733, 10.8064



75.8550, 6.4805, -25.3058

Complementary

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



83.4770, 6.6668, 8.3517



89.5230, -6.6668, -8.3517

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.



77.1780, -0.0878, -18.5731



83.4770, 6.6668, 8.3517



79.9650, -10.3357, 1.7847

Square

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



83.4770, 6.6668, 8.3517



82.7050, -9.2216, 17.7987



78.6370, -6.2300, -8.4516



77.0060, 10.8430, -24.5613

Rectangle

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



83.4770, 6.6668, 8.3517



83.4370, -2.6804, 19.7878



78.6370, -6.2300, -8.4516



75.9970, 4.4385, -23.6764

Sweetspot

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



83.4770, 6.6668, 8.3517



120.0050, 2.4625, 3.5036



80.7420, 8.0152, -4.1587



60.7660, 1.5944, 1.9592



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.



83.4770, 6.6668, 8.3517



103.8350, 10.4343, 13.2997



83.9890, 3.4564, 11.4106



45.6520, 1.1576, 2.0592



39.9770, 35.5073, 44.7472



85.3660, 76.2346, 95.2720

Inverse Universe

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



82.7350, -1.3484, 12.5104



102.6650, -1.8068, 19.5878



89.0110, -3.4564, -11.4106



45.3100, -0.1528, 2.3591



35.8820, -7.3368, 66.7555



77.0040, -15.2850, 142.9475

Previews

White Background



This preview shows how the YUV color 83.4770, 6.6668, 8.3517 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 83.4770, 6.6668, 8.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

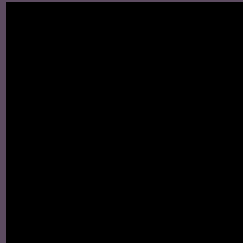
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.4770, 6.6668, 8.3517

Background



This preview shows how black text looks on a background with the YUV color 83.4770, 6.6668, 8.3517.

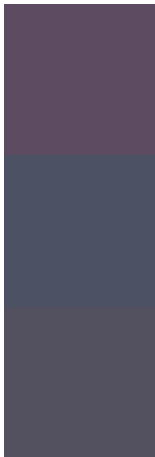


This preview shows how white text looks on a background with the YUV color 83.4770, 6.6668,

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

83.4770, 6.6668, 8.3517

Protanopia

81.9700, 8.8888, -4.3587

Deuteranopia

82.7210, 6.5465, 0.2447



Tritanopia

82.5710, 0.7045, 7.3922

Trichromacy



Original Color

83.4770, 6.6668, 8.3517

Protanomaly

82.4760, 8.1463, 0.4595

Deuteranomaly

83.3300, 6.2463, 3.2186

Tritanomaly

82.8530, 3.0305, 8.0219

Monochromacy



Original Color

83.4770, 6.6668, 8.3517

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0050, 2.4625, 3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.4770, 6.6668, 8.3517 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(93, 76, 97)` looks like.

```
.text, #text, p{  
    color:rgb(93, 76, 97)  
}
```

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(93, 76, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 76, 97) }
```

Border

The CSS property to change the border of an element to YUV 83.4770, 6.6668, 8.3517 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(93, 76, 97) }
```


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

```
.border{ border-color:rgb(93, 76, 97) }
```

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

Here you see how a box with a 4 pixel rgb(93, 76, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 76, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 76, 97);  
box-shadow:4px 4px 4px 4px rgb(93, 76, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.4770, 6.6668, 8.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 76, 97) }
```

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

```
.background{ background-color: rgb(93, 76,  
97) }
```

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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