

Converting Colors

YUV(66.0960, 7.8407, 5.1778)

Have a look what the booklet for
YUV(66.0960, 7.8407, 5.1778)
contains.

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Color

**YUV(66.0960, 7.8407,
5.1778)**

Conversions

Conversions Part 1

Format	Color
Hex	483C52
RGB	72, 60, 82
RGB Percent	28%, 24%, 32%
CMY	0.7176, 0.7647, 0.6784
CMYK	0.12, 0.27, 0.00, 0.68
HSL	273°, 15%, 28%
HSV	273°, 27%, 32%
XYZ	5.8113, 5.2186, 8.6836
YIQ	66.0960, 0.0900, 9.3860

Conversions

Conversions Part 2

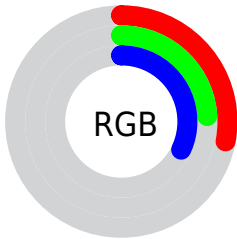
Format	Color
R _Y B	72, 60, 82
Decimal	4734034
CIE Lab	27.35, 10.13, -11.35
CIE LCh	27, 15.212, 311.749
Yxy	5.2186, 0.2948, 0.2647
Android (android.graphics.Color)	4282924114 (0xFF483C52)
YUV	66.0960, 7.8407, 5.1778
Hunter-Lab	22.8443, 5.4308, -6.5465

Details

The YUV color **66.0960, 7.8407, 5.1778** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **75.9040, -7.8407, -5.1778**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.9220, 8.4195, 6.2074**, and **23.1560, 6.8251, 4.2482** is the 20% darker color. If you saturate the color by 10%, you get **60.2040, 10.7454, 6.8371**, and if you desaturate by 10%, it is **71.9880, 4.9359, 3.5185**.

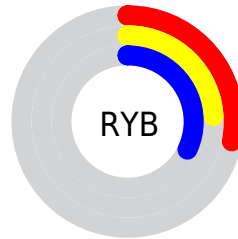
Distribution



 Red (28%)

 Green (24%)

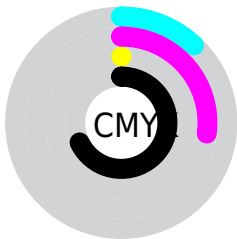
 Blue (32%)



 Red (28%)

 Yellow (24%)

 Blue (32%)

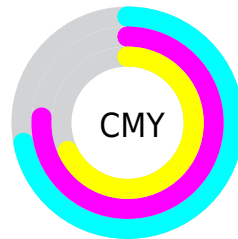


 Cyan (12%)

 Magenta (27%)

 Yellow (0%)

 Black (68%)



 Cyan (72%)

 Magenta (76%)

 Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.0960, 7.8407, 5.1778 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 66.0960, 7.8407, 5.1778 by changing the saturation by 10% instead.

■ 66.0960, 7.8407,
5.1778

■ 66.0960, 7.8407,
5.1778

■ 255.0000, 0.0000,
0.0000

■ 43.6830, 7.5513,
4.6630

■ 113.9220, 8.4195,
6.2074

■ 23.1560, 6.8251,
4.2482

■ 140.0360, 8.8563,
6.1074

■ 2.4110, 6.6994,
-2.1144

■ 166.0360, 8.8563,
6.1074

■ 0.0000, 0.0000,
0.0000

■ 193.4490, 9.1456,
6.6222

■ 220.8620, 9.4350,
7.1370

■ 247.3690, 3.7621,

6.6924

■ 66.0960, 7.8407,
5.1778

■ 66.0960, 7.8407,
5.1778

■ 60.2040, 10.7454,
6.8371

■ 71.9880, 4.9359,
3.5185

■ 54.6110, 13.5028,
9.1112

■ 77.5810, 2.1786,
1.2445

■ 48.1320, 16.6969,
11.2852

■ 84.0600, -1.0156,
-0.9296

■ 42.2400, 19.6017,
12.9445

■ 89.9520, -3.9203,
-2.5889

■ 36.3480, 22.5064,
14.6038

■ 95.8440, -6.8251,
-4.2482

■ 30.7550, 25.2638,
16.8779

■ 101.4370, -9.5824,
-6.5222

■ 24.8630, 28.1685,
18.5371

■ 107.3290,
-12.4872, -8.1815

■ 22.8030, 29.1841,
19.4668

■ 113.8080,
-15.6813, -10.3556

■ 119.7000,
-18.5861, -12.0149

Harmonies

Analogous

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



64.2300, 11.2256, -7.2177



66.0960, 7.8407, 5.1778



66.4840, 2.7194, 14.4845

Triad

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



66.0960, 7.8407, 5.1778



64.3300, -10.5157, 12.8656



58.5130, 5.1701, -25.0059

Complementary

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



66.0960, 7.8407, 5.1778



75.9040, -7.8407, -5.1778

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.



60.1460, -1.5510, -15.9140



66.0960, 7.8407, 5.1778



63.2750, -10.4886, 4.1438

Square

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



66.0960, 7.8407, 5.1778



65.4600, -7.6218, 18.0136



62.3060, -7.5459, -6.4074



58.5820, 10.5591, -26.8204

Rectangle

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



66.0960, 7.8407, 5.1778



66.1810, -1.0752, 18.2583



62.3060, -7.5459, -6.4074



58.9540, 2.9807, -22.7617

Sweetspot

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



66.0960, 7.8407, 5.1778



101.1080, 2.9048, 1.6593



68.3780, 6.7156, -7.3475



49.5810, 2.1786, 1.2445



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



66.0960, 7.8407, 5.1778



82.5570, 12.0504, 8.2815



68.9720, 5.9298, 11.4256



38.0540, 1.4524, 0.8296



29.0130, 37.4616, 24.5446



64.4210, 82.6164, 54.8818

Inverse Universe

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



67.7180, 1.1250, 12.5253



84.8760, 1.5401, 19.4027



73.0280, -5.9298, -11.4256



38.4240, 0.2840, 2.2592



36.8670, 5.4886, 59.7526



81.3380, 11.6654, 132.1306

Previews

White Background



This preview shows how the YUV color 66.0960, 7.8407, 5.1778 looks on a white background.

Color Contrast Check

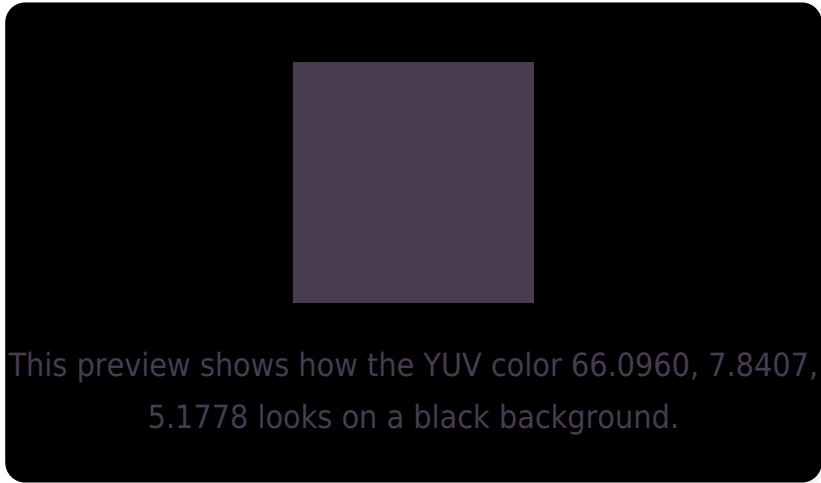
Large Text (above 18pt) WCAG AA ✓ Pass

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

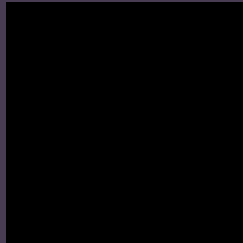
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.0960, 7.8407, 5.1778

Background



This preview shows how black text looks on a background with the YUV color 66.0960, 7.8407, 5.1778.

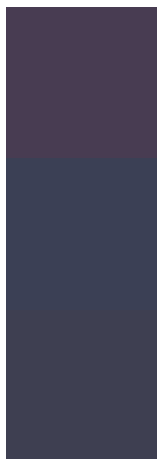


This preview shows how white text looks on a background with the YUV color 66.0960, 7.8407,

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

66.0960, 7.8407, 5.1778

Protanopia

64.8990, 9.9098, -5.1734

Deuteranopia

64.7530, 8.0098, -2.4144



Tritanopia

65.6630, 1.1521, 3.8035

Trichromacy



Original Color

66.0960, 7.8407, 5.1778

Protanomaly

65.6930, 9.0254, -1.4848

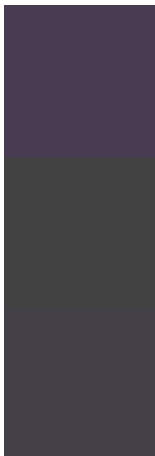
Deuteranomaly

65.3620, 7.7095, 0.5595

Tritanomaly

65.9450, 3.4781, 4.4332

Monochromacy



Original Color

66.0960, 7.8407, 5.1778

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.1080, 2.9048, 1.6593

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.0960, 7.8407, 5.1778 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, 60, 82)` looks like.

```
.text, #text, p{  
    color:rgb(72, 60, 82)  
}
```

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, 60, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 60, 82) }
```

Border

The CSS property to change the border of an element to YUV 66.0960, 7.8407, 5.1778 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, 60, 82) }
```


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

```
.border{ border-color:rgb(72, 60, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 60, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 60, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 60, 82);  
box-shadow:4px 4px 4px 4px rgb(72, 60, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.0960, 7.8407, 5.1778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 60, 82) }
```

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

```
.background{ background-color: rgb(72, 60,  
82) }
```

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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