

Converting Colors

YUV(66.8020, 6.9996, -5.0884)

Have a look what the booklet for
YUV(66.8020, 6.9996, -5.0884)
contains.

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Color

**YUV(66.8020, 6.9996,
-5.0884)**

Conversions

Conversions Part 1

Format	Color
Hex	3D4351
RGB	61, 67, 81
RGB Percent	24%, 26%, 32%
CMY	0.7608, 0.7373, 0.6824
CMYK	0.25, 0.17, 0.00, 0.68
HSL	222°, 14%, 28%
HSV	222°, 25%, 32%
XYZ	5.4168, 5.6005, 8.5801
YIQ	66.8020, -8.0700, 3.0820

Conversions

Conversions Part 2

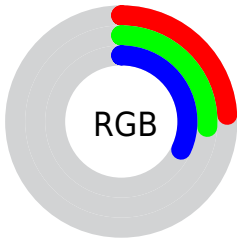
Format	Color
RYB	61, 66, 81
Decimal	4014929
CIELab	28.38, 1.12, -9.23
CIElCh	28, 9.292, 276.899
Yxy	5.6005, 0.2764, 0.2858
Android (android.graphics.Color)	4282205009 (0xFF3D4351)
YUV	66.8020, 6.9996, -5.0884
Hunter-Lab	23.6654, -0.5570, -4.9304

Details

The YUV color **66.8020, 6.9996, -5.0884** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **75.1980, -6.9996, 5.0884**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.9160, 7.4364, -5.1883**, and **23.5740, 6.1260, -4.8884** is the 20% darker color. If you saturate the color by 10%, you get **60.8880, 9.9152, -6.9178**, and if you desaturate by 10%, it is **72.7160, 4.0840, -3.2589**.

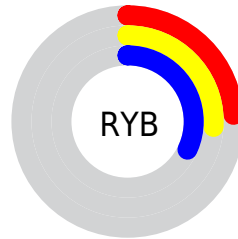
Distribution



Red (24%)

Green (26%)

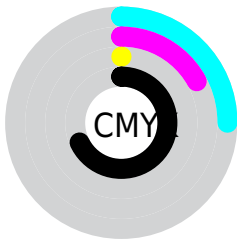
Blue (32%)



Red (24%)

Yellow (26%)

Blue (32%)

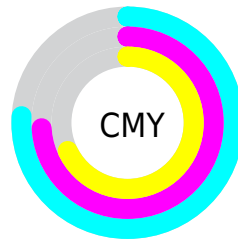


Cyan (25%)

Magenta (17%)

Yellow (0%)

Black (68%)



Cyan (76%)

Magenta (74%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.8020, 6.9996, -5.0884 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 66.8020, 6.9996, -5.0884 by changing the saturation by 10% instead.

■ 66.8020, 6.9996,
-5.0884

■ 66.8020, 6.9996,
-5.0884

■ 255.0000, 0.0000,
0.0000

■ 44.6880, 6.5628,
-4.9884

■ 114.9160, 7.4364,
-5.1883

■ 23.5740, 6.1260,
-4.8884

■ 140.0300, 7.8732,
-5.2883

■ 2.2970, 6.2626,
-2.0145

■ 166.7310, 8.0206,
-5.9031

■ 0.0000, 0.0000,
0.0000

■ 193.8450, 8.4574,
-6.0031

■ 221.8450, 8.4574,
-6.0031

■ 248.7760, 3.0684,

-4.1886

■ 66.8020, 6.9996,
-5.0884

■ 66.8020, 6.9996,
-5.0884

■ 60.8880, 9.9152,
-6.9178

■ 72.7160, 4.0840,
-3.2589

■ 55.5610, 12.5414,
-9.2620

■ 78.0430, 1.4578,
-0.9147

■ 49.6470, 15.4570,
-11.0914

■ 83.9570, -1.4578,
0.9147

■ 43.7330, 18.3726,
-12.9208

■ 89.8710, -4.3734,
2.7441

■ 38.4060, 20.9988,
-15.2651

■ 95.4970, -7.1470,
5.7031

■ 32.1930, 24.0619,
-17.7093

■ 101.4110,
-10.0626, 7.5326

■ 26.2790, 26.9775,
-19.5387

■ 107.3250,
-12.9782, 9.3620

■ 23.3220, 28.4353,
-20.4534

■ 112.6520,
-15.6044, 11.7062

■ 118.5660,
-18.5200, 13.5356

Harmonies

Analogous

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



65.1710, 7.3107, -11.5510



66.8020, 6.9996, -5.0884



67.9770, 4.9413, 1.7742

Triad

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



66.8020, 6.9996, -5.0884



67.9260, -4.4005, 11.4659



65.0760, -2.0095, -8.8367

Complementary

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



66.8020, 6.9996, -5.0884



75.1980, -6.9996, 5.0884

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.



65.6100, -5.2307, -2.2890



66.8020, 6.9996, -5.0884



67.3340, -6.5737, 8.4771

Square

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



66.8020, 6.9996, -5.0884



68.3220, -1.6377, 11.9956



66.6000, -6.7048, 3.8588



64.0800, 1.9326, -13.2252

Rectangle

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



66.8020, 6.9996, -5.0884



68.2550, 3.3253, 6.7924



66.6000, -6.7048, 3.8588



64.8590, -2.8885, -6.8923

Sweetspot

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



66.8020, 6.9996, -5.0884



99.0860, 2.9156, -1.8294



74.3360, 0.3274, -11.6957



50.7440, 1.6052, -1.5295



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.



66.8020, 6.9996, -5.0884



82.5180, 11.0836, -8.3473



64.4760, 8.1463, 0.4595



38.0430, 1.4578, -0.9147



30.1670, 36.8927, -26.4565



67.5380, 81.0798, -59.2308

Inverse Universe

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



67.6640, -0.3274, 11.6957



83.7080, -0.3490, 18.6731



77.5240, -8.1463, -0.4595



38.3100, -0.1528, 2.3591



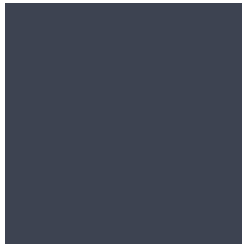
34.9290, -1.9370, 61.4523



77.3480, -3.6226, 135.6298

Previews

White Background



This preview shows how the YUV color 66.8020, 6.9996, -5.0884 looks on a white background.

Color Contrast Check

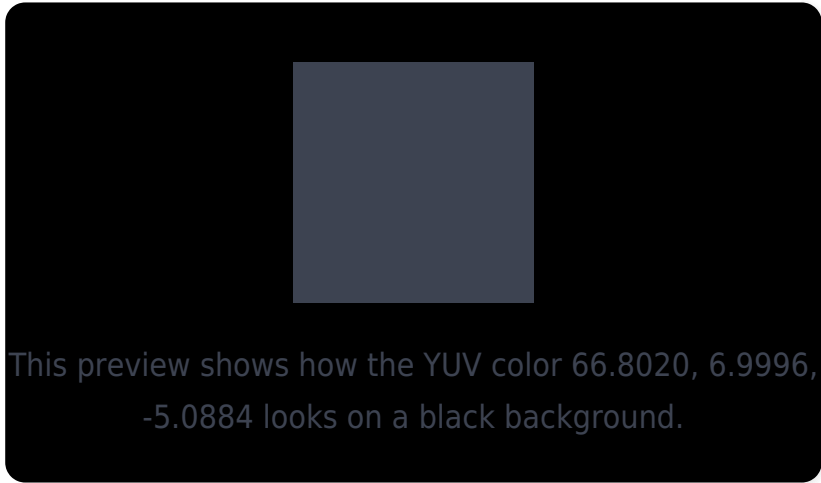
Large Text (above 18pt) WCAG AA ✓ Pass

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

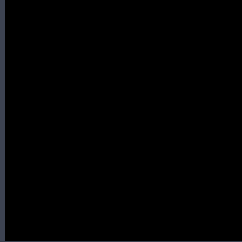
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

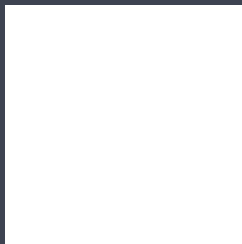
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 66.8020, 6.9996, -5.0884

Background



This preview shows how black text looks on a background with the YUV color 66.8020, 6.9996, -5.0884.



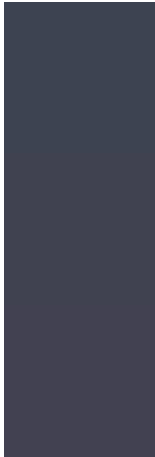
This preview shows how white text looks on a background with the YUV color 66.8020, 6.9996, -5.0884.

-5.0884.

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

66.8020, 6.9996, -5.0884

Protanopia

66.9980, 6.4100, -2.6292

Deuteranopia

67.1230, 6.8414, -0.9849



Tritanopia

66.2920, 3.8000, -5.5181

Trichromacy



Original Color

66.8020, 6.9996, -5.0884

Protanomaly

66.6990, 6.5574, -3.2440

Deuteranomaly

67.1120, 6.8468, -2.7292

Tritanomaly

66.6340, 5.1104, -5.8180

Monochromacy



Original Color

66.8020, 6.9996, -5.0884

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.9720, 2.4788, -1.7294

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.8020, 6.9996, -5.0884 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(61, 67, 81)` looks like.

```
.text, #text, p{  
    color:rgb(61, 67, 81)  
}
```

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(61, 67, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 67, 81) }
```

Border

The CSS property to change the border of an element to YUV 66.8020, 6.9996, -5.0884 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(61, 67, 81) }
```


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

```
.border{ border-color:rgb(61, 67, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 67, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 67, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 67, 81);  
box-shadow:4px 4px 4px 4px rgb(61, 67, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.8020, 6.9996, -5.0884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 67, 81) }
```

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

```
.background{ background-color: rgb(61, 67,  
81) }
```

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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