

Converting Colors

YUV(66.7050, 67.6864,
-56.7463)

Have a look what the booklet for
YUV(66.7050, 67.6864, -56.7463)
contains.

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Color

**YUV(66.7050, 67.6864,
-56.7463)**

Conversions

Conversions Part 1

Format	Color
Hex	0249CC
RGB	2, 73, 204
RGB Percent	1%, 29%, 80%
CMY	0.9922, 0.7137, 0.2000
CMYK	0.99, 0.64, 0.00, 0.20
HSL	219°, 98%, 40%
HSV	219°, 99%, 80%
XYZ	13.3067, 9.1376, 58.1891
YIQ	66.7050, -84.3670, 25.6890

Conversions

Conversions Part 2

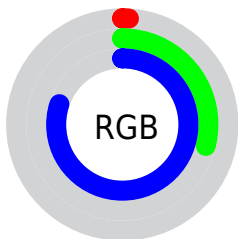
Format	Color
RYB	2, 55, 204
Decimal	149964
CIELab	36.25, 34.42, -72.22
CIELCh	36, 80.002, 295.482
Yxy	9.1376, 0.1650, 0.1133
Android (android.graphics.Color)	4278340044 (0xFF0249CC)
YUV	66.7050, 67.6864, -56.7463
Hunter-Lab	30.2285, 25.6762, -92.9719

Details

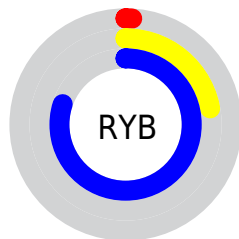
The YUV color **66.7050, 67.6864, -56.7463** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **139.2950, -67.6864, 56.7463**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.2960, 61.4791, -25.6926**, and **35.0690, 55.6750, -30.7555** is the 20% darker color. If you saturate the color by 10%, you get **65.5200, 68.2706, -57.4610**, and if you desaturate by 10%, it is **80.3160, 60.9762, -51.1431**.

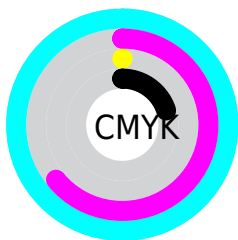
Distribution



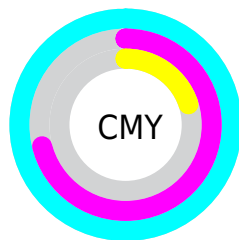
- Red (1%)
- Green (29%)
- Blue (80%)



- Red (1%)
- Yellow (22%)
- Blue (80%)



- Cyan (99%)
- Magenta (64%)
- Yellow (0%)
- Black (20%)



- Cyan (99%)
- Magenta (71%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.7050, 67.6864, -56.7463 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 66.7050, 67.6864, -56.7463 by changing the saturation by 10% instead.

■ 66.7050, 67.6864,
-56.7463

■ 66.7050, 67.6864,
-56.7463

■ 255.0000, 0.0000,
0.0000

■ 50.0010, 62.1175,
-43.8509

■ 130.2960, 61.4791,
-25.6926

■ 35.0690, 55.6750,
-30.7555

■ 155.4250, 49.0905,
-18.7897

■ 22.1260, 49.2379,
-19.4045

■ 179.9560, 36.9967,
-13.1164

■ 11.5310, 41.6432,
-10.1127

■ 205.6610, 24.3241,
-8.4727

■ 12.7900, 28.6975,
-11.2168

■ 231.0670, 11.7990,
-4.4438

■ 7.8200, 19.8087,
-6.8581

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 66.7050, 67.6864,
-56.7463

■ 66.7050, 67.6864,
-56.7463

■ 65.5200, 68.2706,
-57.4610

■ 80.3160, 60.9762,
-51.1431

■ 94.2260, 54.1186,
-44.9252

■ 108.4240, 47.1190,
-39.8368

■ 122.3340, 40.2613,
-33.6189

■ 135.9450, 33.5511,
-28.0158

■ 149.5560, 26.8409,
-22.4126

■ 164.0530, 19.6939,
-16.7095

■ 177.6640, 12.9836,
-11.1063

■ 191.5740, 6.1260,
-4.8884

Harmonies

Analogous

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



82.2640, 66.4248, -72.1455



66.7050, 67.6864, -56.7463



69.7210, 44.0145, 69.5277

Triad

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



66.7050, 67.6864, -56.7463



73.3690, -36.1709, 75.0984



72.3050, 0.3426, -63.4115

Complementary

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



66.7050, 67.6864, -56.7463



139.2950, -67.6864, 56.7463

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.



61.6350, -30.3861, -54.0539



66.7050, 67.6864, -56.7463



80.7470, -39.8083, 28.2859

Square

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



66.7050, 67.6864, -56.7463



60.0170, -11.8404, 111.3641



71.5900, -35.2939, -19.8114



80.5300, 29.3187, -70.6248

Rectangle

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



66.7050, 67.6864, -56.7463



67.0870, 25.5931, 98.1477



71.5900, -35.2939, -19.8114



69.0960, -9.4143, -60.5972

Sweetspot

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



66.7050, 67.6864, -56.7463



202.9260, 25.6725, -20.9831



135.1660, -2.5468, -116.7866



96.6360, 15.4625, -12.8358



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



66.7050, 67.6864, -56.7463



81.9000, 85.3383, -71.8263



33.1010, 84.2532, -3.5966



94.9010, 3.4998, -2.5442



52.9700, 55.7238, -46.4547



11.9630, 12.8362, -10.4916

Inverse Universe

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



70.4920, 1.2364, 117.0865



86.5050, 1.7230, 147.7701



172.8990, -84.2532, 3.5966



95.3320, -0.1637, 5.8478



56.2460, 0.8647, 96.2543



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 66.7050, 67.6864, -56.7463 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 66.7050, 67.6864, -56.7463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

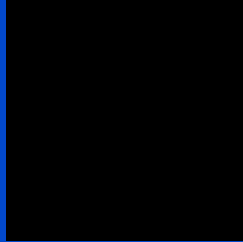
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.7050, 67.6864, -56.7463

Background



This preview shows how black text looks on a background with the YUV color 66.7050, 67.6864, -56.7463.



This preview shows how white text looks on a background with the YUV color 66.7050, 67.6864, -56.7463.

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

66.7050, 67.6864, -56.7463

Protanopia

67.8560, 51.8360, -59.5097

Deuteranopia

67.9410, 39.4691, -59.5843



Tritanopia

67.1650, 16.1877, -58.9037

Trichromacy



Original Color

66.7050, 67.6864, -56.7463

Protanomaly

67.6480, 57.3615, -58.4503

Deuteranomaly

67.5850, 49.5046, -58.3950

Tritanomaly

67.1000, 34.9537, -57.9697

Monochromacy



Original Color

66.7050, 67.6864, -56.7463

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.6980, 24.7989, -20.7831

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.7050, 67.6864, -56.7463 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(2, 73, 204)` looks like.

```
.text, #text, p{  
    color:rgb(2, 73, 204)  
}
```

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(2, 73, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 73, 204) }
```

Border

The CSS property to change the border of an element to YUV 66.7050, 67.6864, -56.7463 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(2, 73, 204) }
```


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

```
.border{ border-color:rgb(2, 73, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 73, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 73, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 73, 204);  
box-shadow:4px 4px 4px 4px rgb(2, 73, 204)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.7050, 67.6864, -56.7463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 73, 204) }
```

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

```
.background{ background-color: rgb(2, 73,  
204) }
```

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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