

Converting Colors

YUV(67.7010, 67.1954,
-39.2028)

Have a look what the booklet for
YUV(67.7010, 67.1954, -39.2028)
contains.

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Color

**YUV(67.7010, 67.1954,
-39.2028)**

Conversions

Conversions Part 1

Format	Color
Hex	1740CC
RGB	23, 64, 204
RGB Percent	9%, 25%, 80%
CMY	0.9098, 0.7490, 0.2000
CMYK	0.89, 0.69, 0.00, 0.20
HSL	226°, 80%, 45%
HSV	226°, 89%, 80%
XYZ	13.0858, 8.2086, 58.0215
YIQ	67.7010, -69.3760, 34.8480

Conversions

Conversions Part 2

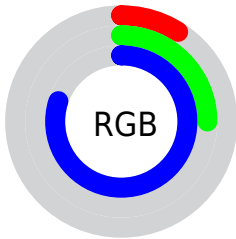
Format	Color
RYB	23, 56, 204
Decimal	1523916
CIELab	34.41, 40.88, -75.23
CIElCh	34, 85.617, 298.522
Yxy	8.2086, 0.1650, 0.1035
Android (android.graphics.Color)	4279713996 (0xFF1740CC)
YUV	67.7010, 67.1954, -39.2028
Hunter-Lab	28.6506, 31.3891, -100.0150

Details

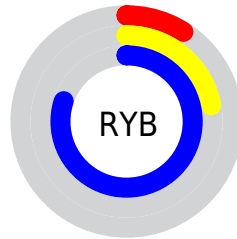
The YUV color **67.7010, 67.1954, -39.2028** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **159.2990, -67.1954, 39.2028**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.8070, 63.1991, -17.3707**, and **29.7860, 58.2795, -26.1223** is the 20% darker color. If you saturate the color by 10%, you get **52.3290, 74.7738, -43.2615**, and if you desaturate by 10%, it is **83.0730, 59.6170, -35.1440**.

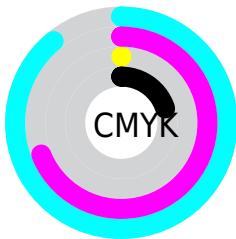
Distribution



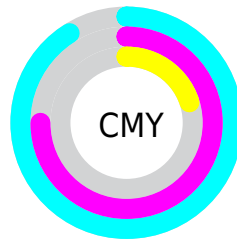
- Red (9%)
- Green (25%)
- Blue (80%)



- Red (9%)
- Yellow (22%)
- Blue (80%)



- Cyan (89%)
- Magenta (69%)
- Yellow (0%)
- Black (20%)



- Cyan (91%)
- Magenta (75%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.7010, 67.1954, -39.2028 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 67.7010, 67.1954, -39.2028 by changing the saturation by 10% instead.

■ 67.7010, 67.1954,
-39.2028

■ 67.7010, 67.1954,
-39.2028

■ 255.0000, 0.0000,
0.0000

■ 44.7180, 64.7220,
-39.2177

■ 126.8070, 63.1991,
-17.3707

■ 29.7860, 58.2795,
-26.1223

■ 151.0500, 51.2474,
-10.5678

■ 15.6690, 52.4212,
-13.7417

■ 176.1680, 38.8642,
-5.4093

■ 12.1180, 41.3538,
-10.6275

■ 201.2860, 26.4810,
-0.2508

■ 12.7900, 28.6975,
-11.2168

■ 226.9910, 13.8084,
4.3929

■ 7.8200, 19.8087,
-6.8581

■ 250.3040, 2.3151,

■ 3.5510, 11.0674,

4.1184

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 67.7010, 67.1954,
-39.2028

■ 67.7010, 67.1954,
-39.2028

■ 52.3290, 74.7738,
-43.2615

■ 83.0730, 59.6170,
-35.1440

■ 50.2580, 75.7948,
-44.0763

■ 98.7440, 51.8912,
-30.4705

■ 113.5290, 44.6022,
-25.8969

■ 129.2000, 36.8764,
-21.2234

■ 144.5720, 29.2980,
-17.1646

■ 159.9440, 21.7196,
-13.1059

■ 175.0280, 14.2832,
-7.9176

■ 190.4000, 6.7048,
-3.8588

■ 206.0710, -1.0210,
0.8147

Harmonies

Analogous

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



79.7850, 69.6190, -69.9714



67.7010, 67.1954, -39.2028



63.6020, 44.5662, 79.2790

Triad

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



67.7010, 67.1954, -39.2028



69.2270, -34.1289, 73.4689



70.2990, 2.8106, -61.6522

Complementary

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



67.7010, 67.1954, -39.2028



159.2990, -67.1954, 39.2028

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.



59.8740, -29.5179, -52.5095



67.7010, 67.1954, -39.2028



76.5830, -37.7554, 23.1677

Square

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



67.7010, 67.1954, -39.2028



57.8230, -17.6607, 111.5342



62.9410, -31.0299, -34.1513



78.7520, 32.6603, -69.0655

Rectangle

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



67.7010, 67.1954, -39.2028



67.2570, 21.0723, 101.5066



62.9410, -31.0299, -34.1513



66.8620, -7.8200, -58.6380

Sweetspot

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



67.7010, 67.1954, -39.2028



203.2580, 25.5088, -15.1353



145.0930, 8.3352, -107.0756



96.9570, 15.3042, -8.7323



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.



67.7010, 67.1954, -39.2028



63.1160, 94.5988, -55.3527



57.9860, 71.9849, 11.4133



94.3140, 3.7892, -2.0294



41.2300, 61.5116, -36.1587



9.6150, 13.9938, -8.4324

Inverse Universe

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



81.7930, -8.7719, 107.1755



82.8570, -12.2545, 150.9694



169.0140, -71.9849, -11.4133



95.2180, -0.6005, 5.9478



53.9660, -7.8712, 98.2538



12.3880, -1.6703, 22.4617

Previews

White Background



This preview shows how the YUV color 67.7010, 67.1954, -39.2028 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 67.7010, 67.1954, -39.2028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

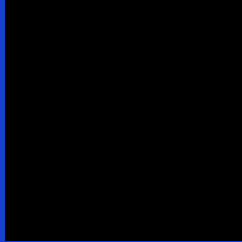
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.7010, 67.1954, -39.2028

Background



This preview shows how black text looks on a background with the YUV color 67.7010, 67.1954, -39.2028.



This preview shows how white text looks on a background with the YUV color 67.7010, 67.1954,

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

67.7010, 67.1954, -39.2028

Deuteranopia

64.6810, 37.1323, -56.7252

Tritanopia

62.9590, 15.3032, -55.2150

Trichromacy



Original Color

67.7010, 67.1954, -39.2028

Deuteranomaly

65.5860, 48.0251, -50.5029

Tritanomaly

64.6280, 34.2004, -49.6628

Monochromacy



Original Color

67.7010, 67.1954, -39.2028

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.2150, 24.0510, -14.2206

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.7010, 67.1954, -39.2028 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(23, 64, 204)` looks like.

```
.text, #text, p{  
    color:rgb(23, 64, 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(23, 64, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 64, 204) }
```

Border

The CSS property to change the border of an element to YUV 67.7010, 67.1954, -39.2028 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(23, 64, 204) }
```

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

```
.border{ border-color:rgb(23, 64, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 64, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 64, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 64, 204);  
box-shadow:4px 4px 4px 4px rgb(23, 64,  
204) }
```


Background

The CSS property to change the background color of an element to YUV 67.7010, 67.1954, -39.2028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 64, 204) }
```

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

```
.background{ background-color: rgb(23, 64,  
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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