

Converting Colors

YUV(104.3890, 66.8562,
-70.5012)

Have a look what the booklet for
YUV(104.3890, 66.8562, -70.5012)
contains.

YUV(104.3890, 66.8562, -70.5012)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(104.3890, 66.8562,
-70.5012)**

Conversions

Conversions Part 1

Format	Color
Hex	1877F0
RGB	24, 119, 240
RGB Percent	9%, 47%, 94%
CMY	0.9059, 0.5333, 0.0588
CMYK	0.90, 0.50, 0.00, 0.06
HSL	214°, 88%, 52%
HSV	214°, 90%, 94%
XYZ	22.7017, 19.6791, 85.0400
YIQ	104.3890, -95.4610, 17.4910

Conversions

Conversions Part 2

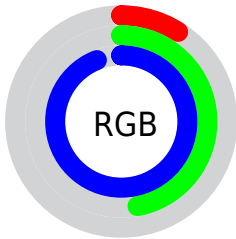
Format	Color
R _Y B	24, 90, 240
Decimal	1603568
CIE Lab	51.47, 19.40, -67.85
CIE LCh	51, 70.569, 285.952
Yxy	19.6791, 0.1782, 0.1544
Android (android.graphics.Color)	4279793648 (0xFF1877F0)
YUV	104.3890, 66.8562, -70.5012
Hunter-Lab	44.3611, 13.7149, -82.6057

Details

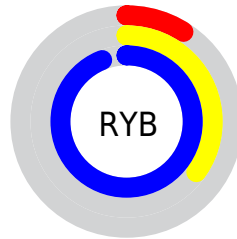
The YUV color **104.3890, 66.8562, -70.5012** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **159.6110, -66.8562, 70.5012**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.6470, 45.5300, -43.5404**, and **63.1260, 59.0979, -55.3615** is the 20% darker color. If you saturate the color by 10%, you get **89.5820, 74.1561, -78.5634**, and if you desaturate by 10%, it is **119.1960, 59.5564, -62.4389**.

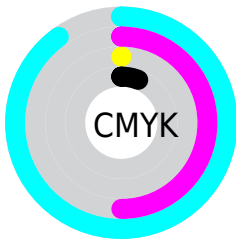
Distribution



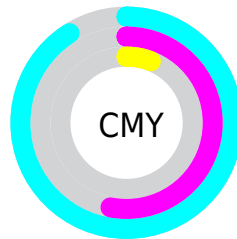
- Red (9%)
- Green (47%)
- Blue (94%)



- Red (9%)
- Yellow (35%)
- Blue (94%)



- Cyan (90%)
- Magenta (50%)
- Yellow (0%)
- Black (6%)



- Cyan (91%)
- Magenta (53%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.3890, 66.8562, -70.5012 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 104.3890, 66.8562, -70.5012 by changing the saturation by 10% instead.

■ 104.3890, 66.8562,
-70.5012

■ 104.3890, 66.8562,
-70.5012

■ 255.0000, 0.0000,
0.0000

■ 79.8190, 64.6722,
-70.0013

■ 162.6470, 45.5300,
-43.5404

■ 63.1260, 59.0979,
-55.3615

■ 188.3630, 32.8520,
-37.1524

■ 47.6070, 52.9447,
-41.7513

■ 214.3670, 20.0321,
-31.8939

■ 33.4900, 47.0864,
-29.3707

■ 240.9580, 6.9227,
-27.1502

■ 16.4380, 42.6751,
-14.4161

■ 250.8140, 2.0637,
-8.6069

■ 14.7620, 31.1763,
-12.9463

■ 9.0910, 22.1401,

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 104.3890, 66.8562,
-70.5012

■ 104.3890, 66.8562,
-70.5012

■ 89.5820, 74.1561,
-78.5634

■ 119.1960, 59.5564,
-62.4389

■ 134.5900, 51.9671,
-54.8914

■ 149.3970, 44.6673,
-46.8292

■ 164.7910, 37.0780,
-39.2817

■ 179.5980, 29.7782,
-31.2194

■ 194.9920, 22.1889,
-23.6720

■ 209.7990, 14.8891,
-15.6097

■ 225.1930, 7.2999,
-8.0623

■ 240.0000, 0.0000,
0.0000

Harmonies

Analogous

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



108.4800, 65.3324, -95.1370



104.3890, 66.8562, -70.5012



125.5780, 40.6340, 33.6961

Triad

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



104.3890, 66.8562, -70.5012



114.3270, -39.1082, 83.9052



96.6630, -2.7919, -84.7735

Complementary

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



104.3890, 66.8562, -70.5012



159.6110, -66.8562, 70.5012

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.



96.9680, -35.4802, -53.4689



104.3890, 66.8562, -70.5012



115.6990, -57.0396, 48.4990

Square

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



104.3890, 66.8562, -70.5012



109.2980, -8.0349, 104.1017



111.5920, -55.0149, 5.6198



105.0190, 24.1476, -92.1017

Rectangle

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



104.3890, 66.8562, -70.5012



119.7480, 26.2532, 73.0120



111.5920, -55.0149, 5.6198



93.6820, -11.6752, -82.1591

Sweetspot

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



104.3890, 66.8562, -70.5012



211.4760, 21.4573, -22.3425



164.3580, -10.5295, -123.0940



102.2400, 12.6997, -13.3655



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.



104.3890, 66.8562, -70.5012



94.8140, 78.9717, -83.1519



51.9130, 92.7269, -14.8327



112.3030, 3.7946, -3.7737



68.5230, 56.9302, -60.0947



21.0590, 17.2259, -18.4687

Inverse Universe

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



99.4140, 9.6559, 123.2939



89.0130, 11.3326, 145.5706



212.0870, -92.7269, 14.8327



112.1580, 0.4151, 6.8774



64.2500, 8.2577, 105.0208



19.5940, 2.6652, 31.9281

Previews

White Background



This preview shows how the YUV color 104.3890, 66.8562, -70.5012 looks on a white background.

Color Contrast Check

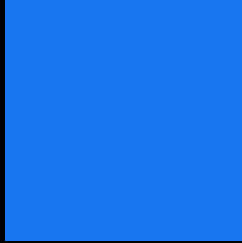
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 104.3890, 66.8562, -70.5012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

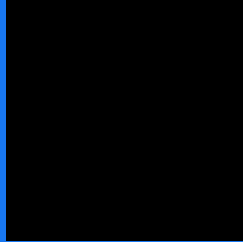
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

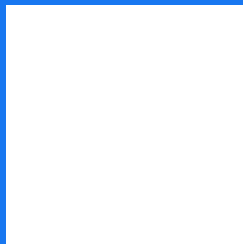
Any Text WCAG AAA × Fail

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

YUV 104.3890, 66.8562, -70.5012 Background



This preview shows how black text looks on a background with the YUV color 104.3890, 66.8562, -70.5012.



This preview shows how white text looks on a background with the YUV color 104.3890, 66.8562, -70.5012.

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

104.3890, 66.8562, -70.5012

Protanopia

110.4510, 62.8817, -55.6465

Deuteranopia

98.1130, 58.6113, -86.0451



Tritanopia

95.6610, 23.8311, -83.8947

Trichromacy



Original Color

104.3890, 66.8562, -70.5012

Protanomaly

108.1730, 64.4977, -60.6647

Deuteranomaly

100.5420, 61.3578, -80.2823

Tritanomaly

98.8200, 39.5287, -78.7721

Monochromacy



Original Color

104.3890, 66.8562, -70.5012

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8500, 24.2310, -25.3014

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.3890, 66.8562, -70.5012 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(24, 119, 240)` looks like.

```
.text, #text, p{  
    color:rgb(24, 119, 240)  
}
```

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(24, 119, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 119, 240) }
```

Border

The CSS property to change the border of an element to YUV 104.3890, 66.8562, -70.5012 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(24, 119, 240) }
```


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

```
.border{ border-color:rgb(24, 119, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 119, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 119, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 119, 240);  
box-shadow:4px 4px 4px 4px rgb(24, 119,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 104.3890, 66.8562, -70.5012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 119, 240) }
```

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

```
.background{ background-color: rgb(24, 119,  
240) }
```

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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