

Converting Colors

YUV(92.6850, 57.8363,
-70.7607)

Have a look what the booklet for
YUV(92.6850, 57.8363, -70.7607)
contains.

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Color

**YUV(92.6850, 57.8363,
-70.7607)**

Conversions

Conversions Part 1

Format	Color
Hex	0C6FD2
RGB	12, 111, 210
RGB Percent	5%, 44%, 82%
CMY	0.9529, 0.5647, 0.1765
CMYK	0.94, 0.47, 0.00, 0.18
HSL	210°, 89%, 44%
HSV	210°, 94%, 82%
XYZ	17.4689, 16.1002, 63.1597
YIQ	92.6850, -90.7830, 9.8010

Conversions

Conversions Part 2

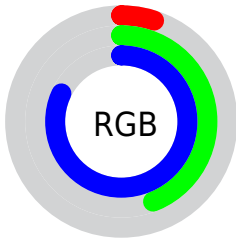
Format	Color
RYB	12, 78, 210
Decimal	815058
CIELab	47.11, 12.27, -57.99
CIELCh	47, 59.279, 281.948
Yxy	16.1002, 0.1806, 0.1664
Android (android.graphics.Color)	4279005138 (0xFF0C6FD2)
YUV	92.6850, 57.8363, -70.7607
Hunter-Lab	40.1250, 7.4933, -65.2392

Details

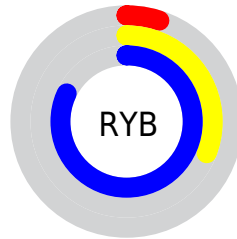
The YUV color **92.6850, 57.8363, -70.7607** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **129.3150, -57.8363, 70.7607**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.9610, 49.3192, -45.5698**, and **55.8250, 48.8933, -48.9585** is the 20% darker color. If you saturate the color by 10%, you get **85.5750, 61.3415, -75.0493**, and if you desaturate by 10%, it is **105.4210, 51.5574, -63.5132**.

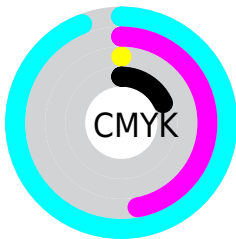
Distribution



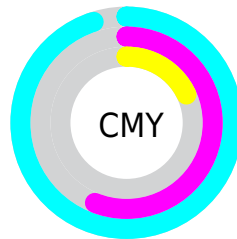
- Red (5%)
- Green (44%)
- Blue (82%)



- Red (5%)
- Yellow (31%)
- Blue (82%)



- Cyan (94%)
- Magenta (47%)
- Yellow (0%)
- Black (18%)



- Cyan (95%)
- Magenta (56%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.6850, 57.8363, -70.7607 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 92.6850, 57.8363, -70.7607 by changing the saturation by 10% instead.

■ 92.6850, 57.8363,
-70.7607

■ 92.6850, 57.8363,
-70.7607

255.0000, 0.0000,
0.0000

■ 71.8170, 54.3202,
-62.9835

■ 154.9610, 49.3192,
-45.5698

■ 55.8250, 48.8933,
-48.9585

■ 180.0790, 36.9361,
-40.4113

■ 40.4200, 43.1769,
-35.4483

■ 205.1970, 24.5529,
-35.2528

■ 26.3030, 37.3186,
-23.0677

■ 231.4890, 11.5909,
-31.1239

■ 14.7620, 31.1763,
-12.9463

■ 246.6280, 4.1274,
-17.2138

■ 9.0910, 22.1401,
-7.9728

■ 4.8220, 13.3988,

-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 92.6850, 57.8363,
-70.7607

■ 92.6850, 57.8363,
-70.7607

■ 85.5750, 61.3415,
-75.0493

■ 105.4210, 51.5574,
-63.5132

■ 117.5700, 45.5680,
-55.7509

■ 130.3060, 39.2891,
-48.5034

■ 142.4550, 33.2997,
-40.7410

■ 154.6040, 27.3102,
-32.9787

■ 167.3400, 21.0314,
-25.7312

■ 180.0760, 14.7525,
-18.4837

■ 192.2250, 8.7631,
-10.7213

■ 204.9610, 2.4842,
-3.4738

Harmonies

Analogous

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



97.5600, 53.9539, -85.5601



92.6850, 57.8363, -70.7607



114.8230, 35.5833, 20.3262

Triad

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



92.6850, 57.8363, -70.7607



105.8940, -29.0347, 72.8840



86.4900, -3.6926, -75.8517

Complementary

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



92.6850, 57.8363, -70.7607



129.3150, -57.8363, 70.7607

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.



95.3820, -33.2193, -31.9070



92.6850, 57.8363, -70.7607



105.0670, -51.7980, 47.2992

Square

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



92.6850, 57.8363, -70.7607



104.5620, -5.2071, 83.6991



102.7760, -50.6686, 11.5974



93.5920, 18.4421, -82.0802

Rectangle

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



92.6850, 57.8363, -70.7607



112.1170, 23.1133, 53.3944



102.7760, -50.6686, 11.5974



83.9650, -10.8287, -73.6373

Sweetspot

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



92.6850, 57.8363, -70.7607



212.6390, 20.8840, -25.1164



139.5120, -14.0564, -111.8280



101.9300, 12.8525, -15.7246



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.



92.6850, 57.8363, -70.7607



104.2060, 74.3414, -91.3887



34.5720, 86.4860, -19.7956



98.1890, 3.3578, -3.6738



68.4600, 49.0732, -60.0394



16.4140, 12.1209, -14.3951

Inverse Universe

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



82.4880, 14.0564, 111.8280



90.8370, 18.3214, 143.9710



187.4280, -86.4860, 19.7956



97.8590, 0.5625, 6.2627



59.8080, 11.9267, 94.8844



14.5390, 2.6923, 23.2063

Previews

White Background



This preview shows how the YUV color 92.6850, 57.8363, -70.7607 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 × Fail

Black Background



This preview shows how the YUV color 92.6850, 57.8363, -70.7607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

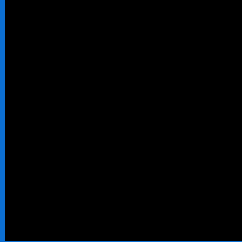
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.6850, 57.8363, -70.7607

Background



This preview shows how black text looks on a background with the YUV color 92.6850, 57.8363, -70.7607.



This preview shows how white text looks on a background with the YUV color 92.6850, 57.8363, -70.7607.

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

92.6850, 57.8363, -70.7607

Protanopia

104.6350, 50.4659, -40.0219

Deuteranopia

89.0170, 54.2216, -78.0679



Tritanopia

87.8360, 21.7729, -77.0322

Trichromacy



Original Color

92.6850, 57.8363, -70.7607

Protanomaly

100.2530, 53.1193, -51.0879

Deuteranomaly

90.0820, 55.6686, -75.4939

Tritanomaly

89.2890, 34.8605, -74.7985

Monochromacy



Original Color

92.6850, 57.8363, -70.7607

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.3400, 21.0314, -25.7312

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.6850, 57.8363, -70.7607 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(12, 111, 210)` looks like.

```
.text, #text, p{  
    color:rgb(12, 111, 210)  
}
```

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(12, 111, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 111, 210) }
```

Border

The CSS property to change the border of an element to YUV 92.6850, 57.8363, -70.7607 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(12, 111, 210) }
```


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

```
.border{ border-color:rgb(12, 111, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 111, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 111, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 111, 210);  
box-shadow:4px 4px 4px 4px rgb(12, 111,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 92.6850, 57.8363, -70.7607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 111, 210) }
```

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

```
.background{ background-color: rgb(12, 111,  
210) }
```

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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