

Converting Colors

YUV(90.3230, 70.3398,
-67.8123)

Have a look what the booklet for
YUV(90.3230, 70.3398, -67.8123)
contains.

YUV(90.3230, 70.3398, -67.8123)	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(90.3230, 70.3398,
-67.8123)**

Conversions

Conversions Part 1

Format	Color
Hex	0D66E9
RGB	13, 102, 233
RGB Percent	5%, 40%, 91%
CMY	0.9490, 0.6000, 0.0863
CMYK	0.94, 0.56, 0.00, 0.09
HSL	216°, 89%, 48%
HSV	216°, 94%, 91%
XYZ	19.6253, 15.4715, 79.0427
YIQ	90.3230, -95.0950, 21.8730

Conversions

Conversions Part 2

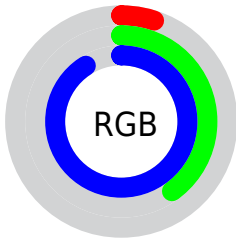
Format	Color
R_{YB}	13, 76, 233
Decimal	878313
CIE _{Lab}	46.27, 27.11, -72.38
CIE _{LCh}	46, 77.289, 290.531
Yxy	15.4715, 0.1719, 0.1355
Android (android.graphics.Color)	4279068393 (0xFF0D66E9)
YUV	90.3230, 70.3398, -67.8123
Hunter-Lab	39.3338, 20.2271, -91.6117

Details

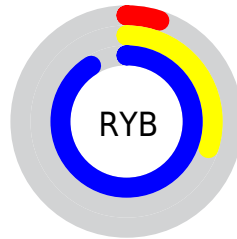
The YUV color **90.3230, 70.3398, -67.8123** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **155.6770, -70.3398, 67.8123**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1840, 51.1813, -36.1184**, and **53.5230, 60.3812, -46.9397** is the 20% darker color. If you saturate the color by 10%, you get **81.7400, 74.5712, -71.6860**, and if you desaturate by 10%, it is **105.4180, 62.8979, -60.8796**.

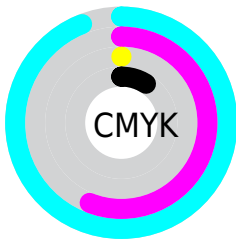
Distribution



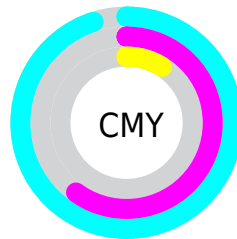
- Red (5%)
- Green (40%)
- Blue (91%)



- Red (5%)
- Yellow (30%)
- Blue (91%)



- Cyan (94%)
- Magenta (56%)
- Yellow (0%)
- Black (9%)



- Cyan (95%)
- Magenta (60%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.3230, 70.3398, -67.8123 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 90.3230, 70.3398, -67.8123 by changing the saturation by 10% instead.

■ 90.3230, 70.3398,
-67.8123

■ 90.3230, 70.3398,
-67.8123

■ 255.0000, 0.0000,
0.0000

■ 69.6290, 66.2449,
-61.0646

■ 151.1840, 51.1813,
-36.1184

■ 53.5230, 60.3812,
-46.9397

■ 176.9000, 38.5033,
-29.7303

■ 38.7050, 54.3754,
-33.9443

■ 202.3170, 25.9727,
-23.9570

■ 25.6480, 47.5015,
-22.4933

■ 228.0220, 13.3002,
-19.3133

■ 15.0530, 39.9069,
-13.2015

■ 249.9170, 2.5059,
-10.4512

■ 12.7900, 28.6975,
-11.2168

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 90.3230, 70.3398,
-67.8123

■ 90.3230, 70.3398,
-67.8123

■ 81.7400, 74.5712,
-71.6860

■ 105.4180, 62.8979,
-60.8796

■ 120.8120, 55.3087,
-53.3321

■ 135.9070, 47.8668,
-46.3994

■ 150.4150, 40.7144,
-38.9520

■ 165.8090, 33.1252,
-31.4045

■ 180.9040, 25.6833,
-24.4718

■ 195.9990, 18.2415,
-17.5391

■ 211.0940, 10.7997,
-10.6064

■ 226.4880, 3.2104,
-3.0590

Harmonies

Analogous

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



100.0340, 68.5102, -87.7298



90.3230, 70.3398, -67.8123



108.6060, 41.6062, 48.5805

Triad

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



90.3230, 70.3398, -67.8123



97.0470, -47.8442, 85.9048



89.0490, -1.5032, -78.0960

Complementary

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



90.3230, 70.3398, -67.8123



155.6770, -70.3398, 67.8123

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.



76.5380, -36.7472, -67.1238



90.3230, 70.3398, -67.8123



103.8490, -51.1976, 41.3514

Square

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



90.3230, 70.3398, -67.8123



75.9830, -3.4426, 124.5489



97.9480, -48.2884, -5.2164



97.9750, 27.6203, -85.9241

Rectangle

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



90.3230, 70.3398, -67.8123



93.5040, 29.8245, 94.2740



97.9480, -48.2884, -5.2164



85.8400, -11.2601, -75.2817

Sweetspot

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



90.3230, 70.3398, -67.8123



208.5300, 22.9097, -21.5128



156.7320, -7.7559, -126.0530



99.5820, 14.0101, -13.6654



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.



90.3230, 70.3398, -67.8123



89.5310, 81.5762, -78.5187



43.4620, 93.4422, -10.9292



109.6020, 3.6472, -3.1590



63.4850, 57.9349, -55.6763



19.0700, 17.2205, -16.7244

Inverse Universe

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



88.9260, 6.4455, 126.3529



87.9870, 7.4014, 146.4704



202.5380, -93.4422, 10.9292



109.7450, 0.1257, 6.3626



62.4410, 5.2056, 103.9762



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 90.3230, 70.3398, -67.8123 looks on a white background.

Color Contrast Check

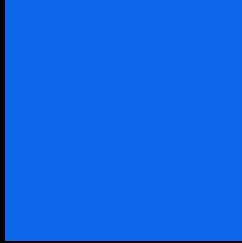
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.3230, 70.3398, -67.8123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

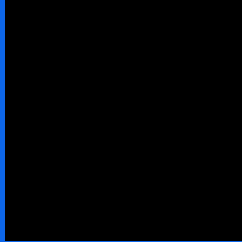
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.3230, 70.3398, -67.8123

Background



This preview shows how black text looks on a background with the YUV color 90.3230, 70.3398, -67.8123.



This preview shows how white text looks on a background with the YUV color 90.3230, 70.3398, -67.8123.

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

90.3230, 70.3398, -67.8123

Protanopia

87.0570, 67.0199, -76.3490

Deuteranopia

87.6320, 51.4534, -76.8533



Tritanopia

85.6190, 20.8938, -75.0879

Trichromacy



Original Color

90.3230, 70.3398, -67.8123

Protanomaly

88.4210, 68.3194, -73.1602

Deuteranomaly

88.4890, 58.4259, -73.2199

Tritanomaly

87.3370, 38.7809, -72.2095

Monochromacy



Original Color

90.3230, 70.3398, -67.8123

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9040, 25.6833, -24.4718

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.3230, 70.3398, -67.8123 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(13, 102, 233)` looks like.

```
.text, #text, p{  
    color:rgb(13, 102, 233)  
}
```

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(13, 102, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 102, 233) }
```

Border

The CSS property to change the border of an element to YUV 90.3230, 70.3398, -67.8123 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(13, 102, 233) }
```


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

```
.border{ border-color:rgb(13, 102, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 102, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 102, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 102, 233);  
box-shadow:4px 4px 4px 4px rgb(13, 102,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 90.3230, 70.3398, -67.8123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 102, 233) }
```

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

```
.background{ background-color: rgb(13, 102,  
233) }
```

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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