

Converting Colors

YUV(90.2070, 76.3129,
-70.3415)

Have a look what the booklet for
YUV(90.2070, 76.3129, -70.3415)
contains.

YUV(90.2070, 76.3129, -70.3415)	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(90.2070, 76.3129,
-70.3415)**

Conversions

Conversions Part 1

Format	Color
Hex	0A65F5
RGB	10, 101, 245
RGB Percent	4%, 40%, 96%
CMY	0.9608, 0.6039, 0.0392
CMYK	0.96, 0.59, 0.00, 0.04
HSL	217°, 92%, 50%
HSV	217°, 96%, 96%
XYZ	21.2603, 15.9645, 88.3471
YIQ	90.2070, -100.4600, 25.4920

Conversions

Conversions Part 2

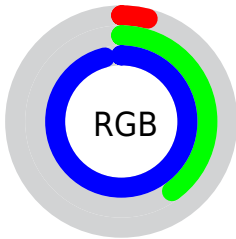
Format	Color
R_{YB}	10, 76, 245
Decimal	681461
CIE _{Lab}	46.93, 32.27, -78.04
CIE _{LCh}	47, 84.455, 292.467
Yxy	15.9645, 0.1693, 0.1271
Android (android.graphics.Color)	4278871541 (0xFF0A65F5)
YUV	90.2070, 76.3129, -70.3415
Hunter-Lab	39.9556, 25.0573, -103.1293

Details

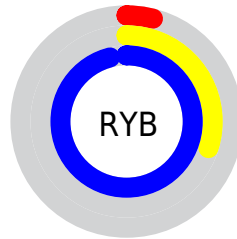
The YUV color **90.2070, 76.3129, -70.3415** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **164.7930, -76.3129, 70.3415**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.4940, 51.0285, -33.7592**, and **54.1900, 65.4753, -47.5246** is the 20% darker color. If you saturate the color by 10%, you get **83.6950, 79.5234, -73.4005**, and if you desaturate by 10%, it is **106.1880, 68.4343, -63.3089**.

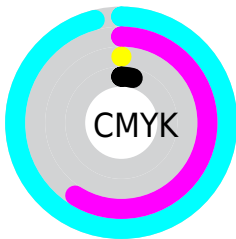
Distribution



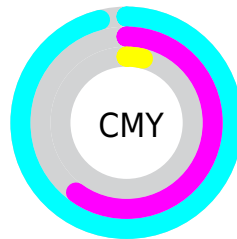
- Red (4%)
- Green (40%)
- Blue (96%)



- Red (4%)
- Yellow (30%)
- Blue (96%)



- Cyan (96%)
- Magenta (59%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (60%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.2070, 76.3129, -70.3415 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 90.2070, 76.3129, -70.3415 by changing the saturation by 10% instead.

■ 90.2070, 76.3129,
-70.3415

■ 90.2070, 76.3129,
-70.3415

■ 255.0000, 0.0000,
0.0000

■ 70.4100, 71.7759,
-61.7496

■ 151.4940, 51.0285,
-33.7592

■ 54.1900, 65.4753,
-47.5246

■ 177.5090, 38.2031,
-26.7564

■ 39.3720, 59.4696,
-34.5292

■ 202.9260, 25.6725,
-20.9831

■ 26.9020, 52.3063,
-23.5931

■ 228.9300, 12.8525,
-15.7246

■ 14.4320, 45.1430,
-12.6569

■ 251.4120, 1.7689,
-7.3773

■ 15.6910, 32.1973,
-13.7610

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 90.2070, 76.3129,
-70.3415

■ 90.2070, 76.3129,
-70.3415

■ 83.6950, 79.5234,
-73.4005

■ 106.1880, 68.4343,
-63.3089

■ 122.4680, 60.4083,
-55.6614

■ 138.7480, 52.3822,
-48.0140

■ 154.7290, 44.5036,
-40.9813

■ 170.7100, 36.6250,
-33.9487

■ 186.9900, 28.5989,
-26.3012

■ 203.2700, 20.5729,
-18.6538

■ 219.2510, 12.6943,
-11.6211

■ 235.5310, 4.6682,
-3.9737

Harmonies

Analogous

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



103.0320, 74.9202, -90.3591



90.2070, 76.3129, -70.3415



107.2960, 45.2101, 59.3764

Triad

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



90.2070, 76.3129, -70.3415



97.9550, -48.2918, 89.4935



91.2660, -0.6241, -80.0403

Complementary

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



90.2070, 76.3129, -70.3415



164.7930, -76.3129, 70.3415

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.



78.6580, -38.7784, -68.9831



90.2070, 76.3129, -70.3415



105.0230, -51.7763, 40.3218

Square

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



90.2070, 76.3129, -70.3415



75.3540, -6.0905, 133.8705



97.6160, -48.1247, -11.0642



100.8760, 31.1201, -88.4683

Rectangle

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



90.2070, 76.3129, -70.3415



81.4710, 36.7428, 115.3509



97.6160, -48.1247, -11.0642



87.8290, -11.2547, -77.0260

Sweetspot

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



90.2070, 76.3129, -70.3415



206.4590, 23.9307, -22.3275



164.0190, -6.4184, -135.0747



98.1090, 14.7363, -13.2506



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.



90.2070, 76.3129, -70.3415



87.1830, 82.7338, -76.4595



43.6670, 99.2572, -9.3550



114.3030, 3.7946, -3.7737



63.4680, 60.4083, -55.6614



20.2270, 19.1151, -17.7391

Inverse Universe

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



90.6390, 5.1080, 135.3746



87.5310, 5.6542, 146.8703



211.3330, -99.2572, 9.3550



114.1580, 0.4151, 6.8774



63.8220, 4.0318, 107.1501



20.2630, 1.3493, 33.9723

Previews

White Background



This preview shows how the YUV color 90.2070, 76.3129, -70.3415 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 90.2070, 76.3129, -70.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

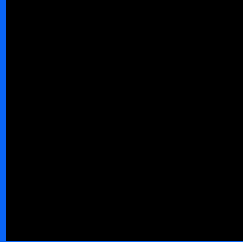
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

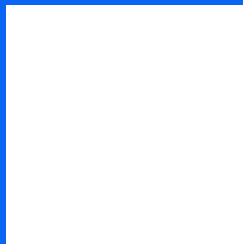
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 90.2070, 76.3129, -70.3415

Background



This preview shows how black text looks on a background with the YUV color 90.2070, 76.3129, -70.3415.



This preview shows how white text looks on a background with the YUV color 90.2070, 76.3129, -70.3415.

-70.3415.

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

90.2070, 76.3129, -70.3415

Protanopia

87.9860, 68.0409, -77.1637

Deuteranopia

88.4470, 52.0376, -77.5680



Tritanopia

87.0210, 21.1886, -76.3174

Trichromacy



Original Color

90.2070, 76.3129, -70.3415

Protanomaly

88.8060, 71.0876, -74.3749

Deuteranomaly

89.4610, 60.9047, -74.9493

Tritanomaly

88.3090, 41.2597, -73.9390

Monochromacy



Original Color

90.2070, 76.3129, -70.3415

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0610, 27.5779, -25.4865

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.2070, 76.3129, -70.3415 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(10, 101, 245)` looks like.

```
.text, #text, p{  
    color:rgb(10, 101, 245)  
}
```

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(10, 101, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 101, 245) }
```

Border

The CSS property to change the border of an element to YUV 90.2070, 76.3129, -70.3415 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(10, 101, 245) }
```


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

```
.border{ border-color:rgb(10, 101, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 101, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 101, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 101, 245);  
box-shadow:4px 4px 4px 4px rgb(10, 101,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 90.2070, 76.3129, -70.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 101, 245) }
```

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

```
.background{ background-color: rgb(10, 101,  
245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor