

Converting Colors

YUV(71.1120, 90.6568,
-50.9642)

Have a look what the booklet for
YUV(71.1120, 90.6568, -50.9642)
contains.

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Color

**YUV(71.1120, 90.6568,
-50.9642)**

Conversions

Conversions Part 1

Format	Color
Hex	0D41FF
RGB	13, 65, 255
RGB Percent	5%, 25%, 100%
CMY	0.9490, 0.7451, 0.0000
CMYK	0.95, 0.75, 0.00, 0.00
HSL	227°, 100%, 53%
HSV	227°, 95%, 100%
XYZ	20.1063, 11.0862, 95.6879
YIQ	71.1120, -91.9820, 48.0660

Conversions

Conversions Part 2

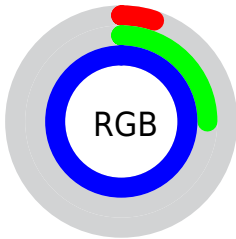
Format	Color
R _Y B	13, 56, 255
Decimal	868863
CIE Lab	39.73, 57.73, -95.49
CIE LCh	40, 111.585, 301.153
Yxy	11.0862, 0.1585, 0.0874
Android (android.graphics.Color)	4279058943 (0xFF0D41FF)
YUV	71.1120, 90.6568, -50.9642
Hunter-Lab	33.2959, 49.5224, -147.0843

Details

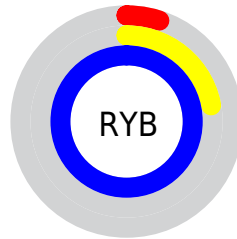
The YUV color **71.1120, 90.6568, -50.9642** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **196.8880, -90.6568, 50.9642**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.5690, 60.8515, -11.0230**, and **34.1980, 80.2614, -29.9916** is the 20% darker color. If you saturate the color by 10%, you get **61.3550, 95.4670, -53.8083**, and if you desaturate by 10%, it is **90.6260, 81.0364, -45.2760**.

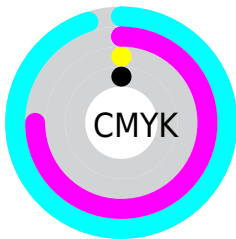
Distribution



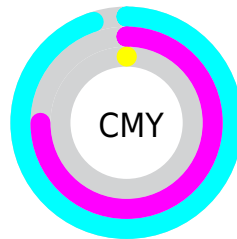
- Red (5%)
- Green (25%)
- Blue (100%)



- Red (5%)
- Yellow (22%)
- Blue (100%)



- Cyan (95%)
- Magenta (75%)
- Yellow (0%)
- Black (0%)



- Cyan (95%)
- Magenta (75%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.1120, 90.6568, -50.9642 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 71.1120, 90.6568, -50.9642 by changing the saturation by 10% instead.

■ 71.1120, 90.6568,
-50.9642

■ 71.1120, 90.6568,
-50.9642

■ 255.0000, 0.0000,
0.0000

■ 50.3040, 86.1251,
-44.1166

■ 131.5690, 60.8515,
-11.0230

■ 34.1980, 80.2614,
-29.9916

■ 157.2960, 48.1681,
-2.8906

■ 20.3260, 72.8033,
-17.8259

■ 183.0120, 35.4901,
3.4975

■ 16.0740, 61.5885,
-14.0969

■ 209.3150, 22.5227,
9.3707

■ 19.4530, 46.6117,
-17.0603

■ 235.6180, 9.5553,
15.2440

■ 17.6630, 34.6761,
-15.4905

■ 253.2390, 0.8682,

■ 11.4050, 25.9293,

1.5444

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 71.1120, 90.6568,
-50.9642

■ 71.1120, 90.6568,
-50.9642

■ 61.3550, 95.4670,
-53.8083

■ 90.6260, 81.0364,
-45.2760

■ 109.8410, 71.5634,
-40.2026

■ 129.3550, 61.9430,
-34.5143

■ 148.5700, 52.4700,
-29.4409

■ 168.0840, 42.8496,
-23.7527

■ 187.2990, 33.3766,
-18.6792

■ 206.8130, 23.7562,
-12.9910

■ 226.0280, 14.2832,
-7.9176

■ 245.5420, 4.6628,
-2.2293

Harmonies

Analogous

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



93.0530, 79.8399, -81.6075



71.1120, 90.6568, -50.9642



79.5800, 51.4791, 102.1003

Triad

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



71.1120, 90.6568, -50.9642



76.7130, -37.8195, 90.5827



83.0310, 5.9007, -72.8182

Complementary

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



71.1120, 90.6568, -50.9642



196.8880, -90.6568, 50.9642

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.



70.4400, -34.7269, -61.7759



71.1120, 90.6568, -50.9642



88.0790, -43.4229, 20.9787

Square

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



71.1120, 90.6568, -50.9642



68.0300, -31.5668, 138.5397



65.7440, -32.4118, -57.6575



94.8070, 45.9441, -83.1457

Rectangle

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



71.1120, 90.6568, -50.9642



83.0200, 20.6961, 128.9015



65.7440, -32.4118, -57.6575



78.7960, -7.7874, -69.1041

Sweetspot

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



71.1120, 90.6568, -50.9642



200.8990, 26.6718, -14.8204



176.7140, 12.9590, -143.5772



94.2990, 16.6146, -9.0322



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.



71.1120, 90.6568, -50.9642



61.3550, 95.4670, -53.8083



61.2190, 95.5340, 18.2249



117.6560, 5.0996, -2.3293



45.8410, 71.5634, -40.2026



15.5140, 23.9036, -13.6058

Inverse Universe

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



91.2860, -12.9590, 143.5772



82.5150, -13.5649, 151.2693



206.7810, -95.5340, -18.2249



119.1150, -1.0427, 7.7921



61.7830, -10.2460, 113.3233



20.7320, -3.3189, 37.9460

Previews

White Background



This preview shows how the YUV color 71.1120, 90.6568, -50.9642 looks on a white background.

Color Contrast Check

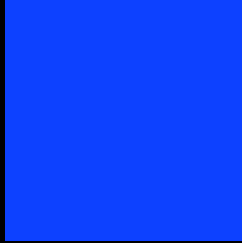
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.1120, 90.6568, -50.9642 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 71.1120, 90.6568, -50.9642

Background



This preview shows how black text looks on a background with the YUV color 71.1120, 90.6568, -50.9642.



This preview shows how white text looks on a background with the YUV color 71.1120, 90.6568, -50.9642.

-50.9642.

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



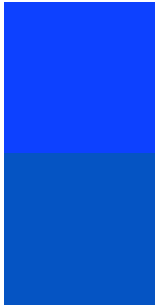
Original Color

71.1120, 90.6568, -50.9642

Deuteranopia

74.0050, 42.3955, -64.9024

Trichromacy



Original Color

71.1120, 90.6568, -50.9642

Deuteranomaly

73.0330, 60.1297, -59.6649

Monochromacy



Original Color

71.1120, 90.6568, -50.9642

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.1850, 32.9398, -18.5792

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.1120, 90.6568, -50.9642 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, 65, 255)` looks like.

```
.text, #text, p{  
    color:rgb(13, 65, 255)  
}
```

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, 65, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 65, 255) }
```

Border

The CSS property to change the border of an element to YUV 71.1120, 90.6568, -50.9642 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, 65, 255) }
```

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

```
.border{ border-color:rgb(13, 65, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 65, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 65, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 65, 255);  
box-shadow:4px 4px 4px 4px rgb(13, 65,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 71.1120, 90.6568, -50.9642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 65, 255) }
```

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

```
.background{ background-color: rgb(13, 65,  
255) }
```

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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