

Converting Colors

YUV(91.4260, 74.2330,
-56.5016)

Have a look what the booklet for
YUV(91.4260, 74.2330, -56.5016)
contains.

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Color

**YUV(91.4260, 74.2330,
-56.5016)**

Conversions

Conversions Part 1

Format	Color
Hex	1B5FF2
RGB	27, 95, 242
RGB Percent	11%, 37%, 95%
CMY	0.8941, 0.6275, 0.0510
CMYK	0.89, 0.61, 0.00, 0.05
HSL	221°, 89%, 53%
HSV	221°, 89%, 95%
XYZ	20.5712, 14.8282, 85.7823
YIQ	91.4260, -87.7150, 31.3010

Conversions

Conversions Part 2

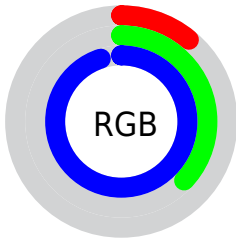
Format	Color
R _Y B	27, 79, 242
Decimal	1794034
CIE Lab	45.40, 35.55, -78.86
CIE LCh	45, 86.503, 294.268
Yxy	14.8282, 0.1698, 0.1224
Android (android.graphics.Color)	4279984114 (0xFF1B5FF2)
YUV	91.4260, 74.2330, -56.5016
Hunter-Lab	38.5074, 27.9692, -105.1240

Details

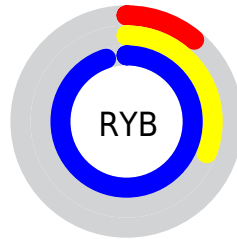
The YUV color **91.4260, 74.2330, -56.5016** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **177.5740, -74.2330, 56.5016**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8690, 52.3226, -28.8261**, and **50.4400, 66.3381, -44.2359** is the 20% darker color. If you saturate the color by 10%, you get **74.2710, 82.6904, -62.5047**, and if you desaturate by 10%, it is **108.5810, 65.7756, -50.4985**.

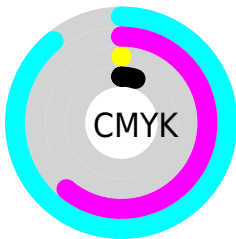
Distribution



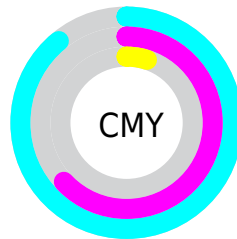
- Red (11%)
- Green (37%)
- Blue (95%)



- Red (11%)
- Yellow (31%)
- Blue (95%)



- Cyan (89%)
- Magenta (61%)
- Yellow (0%)
- Black (5%)



- Cyan (89%)
- Magenta (63%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.4260, 74.2330, -56.5016 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 91.4260, 74.2330, -56.5016 by changing the saturation by 10% instead.

■ 91.4260, 74.2330,
-56.5016

■ 91.4260, 74.2330,
-56.5016

■ 255.0000, 0.0000,
0.0000

■ 66.5460, 72.2018,
-58.3608

■ 148.8690, 52.3226,
-28.8261

■ 50.4400, 66.3381,
-44.2359

■ 174.2970, 39.7866,
-21.3085

■ 36.0950, 59.6062,
-31.6553

■ 199.7140, 27.2560,
-15.5352

■ 23.6250, 52.4429,
-20.7191

■ 225.4190, 14.5834,
-10.8915

■ 15.3780, 43.6906,
-13.4865

■ 252.0100, 1.4741,
-6.1478

■ 14.8760, 31.6131,
-13.0463

■ 9.2050, 22.5769,

-8.0728

■ 4.8220, 13.3988,
-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 91.4260, 74.2330,
-56.5016

■ 91.4260, 74.2330,
-56.5016

■ 74.2710, 82.6904,
-62.5047

■ 108.5810, 65.7756,
-50.4985

■ 72.7870, 83.4220,
-63.8342

■ 125.1490, 57.6075,
-43.9807

■ 142.6030, 49.0027,
-37.3628

■ 159.1710, 40.8347,
-30.8450

■ 176.3260, 32.3773,
-24.8419

■ 192.8940, 24.2093,
-18.3240

■ 210.0490, 15.7518,
-12.3210

■ 226.9160, 7.4364,
-5.1883

■ 244.0710, -1.0210,
0.8147

Harmonies

Analogous

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



100.5700, 75.6410, -88.1999



91.4260, 74.2330, -56.5016



99.5790, 46.0566, 67.8982

Triad

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



91.4260, 74.2330, -56.5016



94.4000, -46.5392, 87.3492



89.6190, 0.6808, -78.5959

Complementary

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



91.4260, 74.2330, -56.5016



177.5740, -74.2330, 56.5016

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.



76.3100, -37.6208, -66.9239



91.4260, 74.2330, -56.5016



101.4570, -50.0183, 36.4332

Square

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



91.4260, 74.2330, -56.5016



73.1320, -9.4321, 132.3112



93.1530, -45.9244, -16.7972



98.7560, 33.1513, -86.6090

Rectangle

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



91.4260, 74.2330, -56.5016



80.6730, 33.6852, 116.0508



93.1530, -45.9244, -16.7972



86.0680, -10.3865, -75.4816

Sweetspot

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



91.4260, 74.2330, -56.5016



206.7800, 23.7725, -18.2241



169.9630, 1.9902, -125.3786



99.3050, 14.1466, -10.7915



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.



91.4260, 74.2330, -56.5016



76.6170, 87.9428, -67.1931



63.1710, 88.1627, 2.4810



111.7160, 4.0840, -3.2589



55.0220, 63.5862, -48.2543



16.9500, 19.2516, -14.8651

Inverse Universe

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



99.0370, -1.9902, 125.3786



85.4790, -2.2081, 148.6699



205.8290, -88.1627, -2.4810



112.0440, -0.0217, 6.9774



61.6280, -1.7886, 107.3202



18.7960, -0.3924, 32.6279

Previews

White Background



This preview shows how the YUV color 91.4260, 74.2330, -56.5016 looks on a white background.

Color Contrast Check

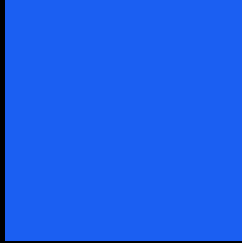
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.4260, 74.2330, -56.5016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

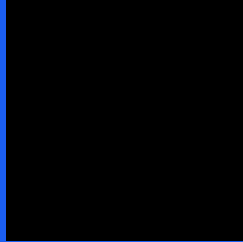
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.4260, 74.2330, -56.5016

Background



This preview shows how black text looks on a background with the YUV color 91.4260, 74.2330, -56.5016.



This preview shows how white text looks on a background with the YUV color 91.4260, 74.2330,

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

91.4260, 74.2330, -56.5016

Protanopia

85.1990, 64.9779, -74.7195

Deuteranopia

85.1870, 49.7008, -74.7090



Tritanopia

83.5160, 20.4516, -73.2435

Trichromacy



Original Color

91.4260, 74.2330, -56.5016

Protanomaly

87.4540, 68.3032, -67.9272

Deuteranomaly

87.5220, 58.4097, -67.9868

Tritanomaly

86.7120, 40.0750, -67.2764

Monochromacy



Original Color

91.4260, 74.2330, -56.5016

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.9800, 27.1249, -20.1535

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.4260, 74.2330, -56.5016 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(27, 95, 242)` looks like.

```
.text, #text, p{  
    color:rgb(27, 95, 242)  
}
```

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(27, 95, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 95, 242) }
```

Border

The CSS property to change the border of an element to YUV 91.4260, 74.2330, -56.5016 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(27, 95, 242) }
```


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

```
.border{ border-color:rgb(27, 95, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 95, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 95, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 95, 242);  
box-shadow:4px 4px 4px 4px rgb(27, 95,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 91.4260, 74.2330, -56.5016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 95, 242) }
```

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

```
.background{ background-color: rgb(27, 95,  
242) }
```

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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