

Converting Colors

YUV(117.7930, 67.6431,
-42.7915)

Have a look what the booklet for
YUV(117.7930, 67.6431, -42.7915)
contains.

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Color

**YUV(117.7930, 67.6431,
-42.7915)**

Conversions

Conversions Part 1

Format	Color
Hex	4574FF
RGB	69, 116, 255
RGB Percent	27%, 45%, 100%
CMY	0.7294, 0.5451, 0.0000
CMYK	0.73, 0.55, 0.00, 0.00
HSL	225°, 100%, 64%
HSV	225°, 73%, 100%
XYZ	26.7496, 20.9760, 97.2467
YIQ	117.7930, -72.6310, 33.2650

Conversions

Conversions Part 2

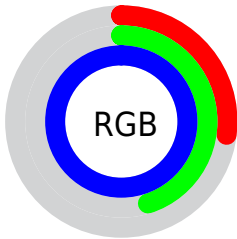
Format	Color
R _{YB}	69, 107, 255
Decimal	4551935
CIE _{Lab}	52.92, 30.58, -73.77
CIE _{LCh}	53, 79.860, 292.516
Yxy	20.9760, 0.1845, 0.1447
Android (android.graphics.Color)	4282742015 (0xFF4574FF)
YUV	117.7930, 67.6431, -42.7915
Hunter-Lab	45.7996, 24.1053, -93.8314

Details

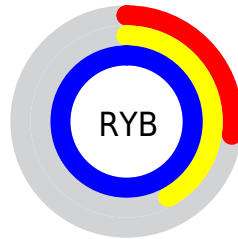
The YUV color **117.7930, 67.6431, -42.7915** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **206.2070, -67.6431, 42.7915**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6600, 42.5656, -26.0118**, and **62.9610, 66.0812, -55.2168** is the 20% darker color. If you saturate the color by 10%, you get **98.8660, 76.9741, -48.9945**, and if you desaturate by 10%, it is **136.4210, 58.4594, -37.2032**.

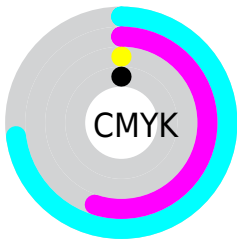
Distribution



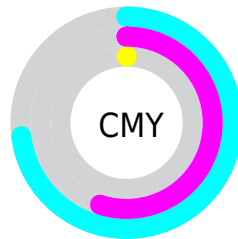
- Red (27%)
- Green (45%)
- Blue (100%)



- Red (27%)
- Yellow (42%)
- Blue (100%)



- Cyan (73%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.7930, 67.6431, -42.7915 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 117.7930, 67.6431, -42.7915 by changing the saturation by 10% instead.

■ 117.7930, 67.6431,
-42.7915

■ 117.7930, 67.6431,
-42.7915

255.0000, 0.0000,
0.0000

■ 80.0670, 71.9450,
-69.3418

■ 168.6600, 42.5656,
-26.0118

■ 62.9610, 66.0812,
-55.2168

■ 194.6640, 29.7456,
-20.7533

■ 47.4420, 59.9281,
-41.6066

■ 220.0810, 17.2151,
-14.9800

■ 33.2110, 53.6330,
-29.1260

■ 246.3730, 4.2531,
-10.8511

■ 17.9200, 48.3534,
-15.7158

■ 17.8910, 35.5497,
-15.6904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 117.7930, 67.6431,
-42.7915

■ 117.7930, 67.6431,
-42.7915

■ 98.8660, 76.9741,
-48.9945

■ 136.4210, 58.4594,
-37.2032

■ 80.2380, 86.1577,
-54.5827

■ 155.3480, 49.1284,
-31.0002

■ 66.6380, 92.8625,
-58.4415

■ 174.2750, 39.7974,
-24.7972

■ 192.9030, 30.6138,
-19.2089

■ 211.5310, 21.4302,
-13.6207

■ 230.4580, 12.0992,
-7.4177

■ 249.0860, 2.9156,
-1.8294

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



111.2500, 70.8688, -97.5662



117.7930, 67.6431, -42.7915



126.0630, 41.8739, 56.0727

Triad

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



117.7930, 67.6431, -42.7915



114.4790, -56.4381, 89.0339



102.4820, 1.7344, -89.8767

Complementary

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



117.7930, 67.6431, -42.7915



206.2070, -67.6431, 42.7915

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.



90.7690, -30.4521, -79.6044



117.7930, 67.6431, -42.7915



119.4980, -58.9125, 42.5363

Square

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



117.7930, 67.6431, -42.7915



104.8440, -12.7411, 120.2858



112.1020, -55.2663, -7.1055



111.7500, 32.1683, -98.0047

Rectangle

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



117.7930, 67.6431, -42.7915



113.8420, 27.1929, 98.3626



112.1020, -55.2663, -7.1055



99.1590, -8.4594, -86.9624

Sweetspot

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



117.7930, 67.6431, -42.7915



213.6020, 20.4092, -12.8060



193.6860, 5.5778, -109.3496



103.1590, 12.2466, -8.0324



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.



117.7930, 67.6431, -42.7915



89.4080, 81.6369, -51.2238



103.0610, 74.9059, 7.8395



118.2430, 4.8102, -2.8441



49.9500, 69.5376, -43.8062



16.6880, 23.3248, -14.6354

Inverse Universe

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



129.9720, -6.8882, 109.6496



104.3600, -8.5585, 132.1113



220.9390, -74.9059, -7.8395



119.2290, -0.6059, 7.6922



62.5810, -7.1884, 112.6235



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 117.7930, 67.6431, -42.7915 looks on a white background.

Color Contrast Check

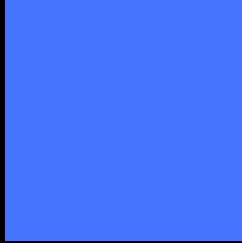
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 117.7930, 67.6431, -42.7915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

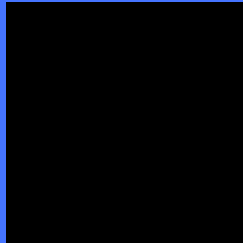
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.7930, 67.6431, -42.7915 Background



This preview shows how black text looks on a background with the YUV color 117.7930, 67.6431, -42.7915.



This preview shows how white text looks on a background with the YUV color 117.7930, 67.6431, -42.7915.

-42.7915.

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

117.7930, 67.6431, -42.7915

Protanopia

106.6750, 73.1242, -74.2600

Deuteranopia

100.4440, 59.9271, -88.0894



Tritanopia

98.5790, 24.8576, -86.4538

Trichromacy



Original Color

117.7930, 67.6431, -42.7915

Protanomaly

110.5840, 71.1971, -62.7792

Deuteranomaly

106.9390, 62.6411, -71.8605

Tritanomaly

105.8040, 40.5226, -70.8651

Monochromacy



Original Color

117.7930, 67.6431, -42.7915

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.7310, 24.7826, -15.5501

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7930, 67.6431, -42.7915 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(69, 116, 255)` looks like.

```
.text, #text, p{  
    color:rgb(69, 116, 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(69, 116, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 116, 255) }
```

Border

The CSS property to change the border of an element to YUV 117.7930, 67.6431, -42.7915 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(69, 116, 255) }
```


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

```
.border{ border-color:rgb(69, 116, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 116, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 116, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 116, 255);  
box-shadow:4px 4px 4px 4px rgb(69, 116,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 117.7930, 67.6431, -42.7915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 116, 255) }
```

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

```
.background{ background-color: rgb(69, 116,  
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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