

Converting Colors

YUV(121.0820, 66.0216,
-36.0289)

Have a look what the booklet for
YUV(121.0820, 66.0216, -36.0289)
contains.

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Color

**YUV(121.0820, 66.0216,
-36.0289)**

Conversions

Conversions Part 1

Format	Color
Hex	5074FF
RGB	80, 116, 255
RGB Percent	31%, 45%, 100%
CMY	0.6863, 0.5451, 0.0000
CMYK	0.69, 0.55, 0.00, 0.00
HSL	228°, 100%, 66%
HSV	228°, 69%, 100%
XYZ	27.6037, 21.4163, 97.2866
YIQ	121.0820, -66.0750, 35.5970

Conversions

Conversions Part 2

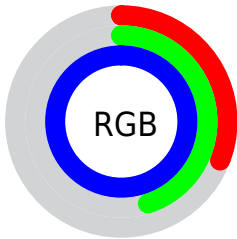
Format	Color
R _Y B	80, 110, 255
Decimal	5272831
CIE Lab	53.40, 31.97, -72.97
CIE LCh	53, 79.668, 293.658
Yxy	21.4163, 0.1887, 0.1464
Android (android.graphics.Color)	4283462911 (0xFF5074FF)
YUV	121.0820, 66.0216, -36.0289
Hunter-Lab	46.2777, 25.4854, -92.2471

Details

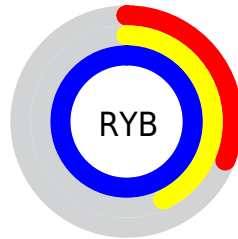
The YUV color **121.0820, 66.0216, -36.0289** is a light color, and the websafe version is hex **3366FF**. The color can be described as light muted azure. A complement of this color would be **213.9180, -66.0216, 36.0289**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6390, 41.0970, -21.6084**, and **62.9610, 66.0812, -55.2168** is the 20% darker color. If you saturate the color by 10%, you get **101.8670, 75.4946, -41.1024**, and if you desaturate by 10%, it is **140.5960, 56.4012, -30.3407**.

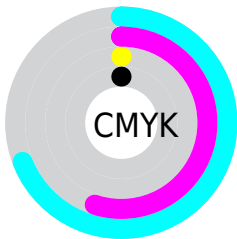
Distribution



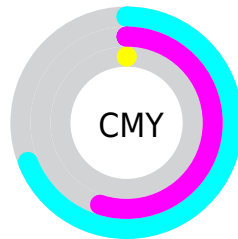
- Red (31%)
- Green (45%)
- Blue (100%)



- Red (31%)
- Yellow (43%)
- Blue (100%)



- Cyan (69%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.0820, 66.0216, -36.0289 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 121.0820, 66.0216, -36.0289 by changing the saturation by 10% instead.

■ 121.0820, 66.0216,
-36.0289

■ 121.0820, 66.0216,
-36.0289

■ 255.0000, 0.0000,
0.0000

■ 89.9340, 67.0805,
-49.0541

■ 171.6390, 41.0970,
-21.6084

■ 62.9610, 66.0812,
-55.2168

■ 196.7570, 28.7138,
-16.4499

■ 46.8550, 60.2175,
-41.0918

■ 222.1740, 16.1832,
-10.6766

■ 32.6240, 53.9224,
-28.6112

■ 248.4660, 3.2213,
-6.5477

■ 17.9200, 48.3534,
-15.7158

■ 16.1300, 36.4179,
-14.1460

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 121.0820, 66.0216,
-36.0289

■ 121.0820, 66.0216,
-36.0289

■ 101.8670, 75.4946,
-41.1024

■ 140.5960, 56.4012,
-30.3407

■ 81.7660, 85.4044,
-46.2758

■ 160.3980, 46.6388,
-25.7820

■ 62.5510, 94.8774,
-51.3492

■ 179.9120, 37.0184,
-20.0938

■ 59.5940, 96.3352,
-52.2639

■ 199.1270, 27.5454,
-15.0204

■ 218.6410, 17.9250,
-9.3322

■ 238.4430, 8.1626,
-4.7735

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.



111.8370, 70.5794, -98.0810



121.0820, 66.0216, -36.0289



127.1450, 40.8475, 58.6318

Triad

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



121.0820, 66.0216, -36.0289



115.9410, -57.1589, 86.8747



104.1120, 2.9028, -91.3062

Complementary

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



121.0820, 66.0216, -36.0289



213.9180, -66.0216, 36.0289

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.



92.6270, -28.4101, -81.2339



121.0820, 66.0216, -36.0289



120.3730, -59.3439, 40.8919

Square

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



121.0820, 66.0216, -36.0289



107.8500, -15.2091, 118.5265



112.6780, -55.5503, -9.3646



112.7930, 33.6261, -98.9195

Rectangle

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



121.0820, 66.0216, -36.0289



114.6250, 26.3139, 100.3069



112.6780, -55.5503, -9.3646



100.7890, -7.2910, -88.3920

Sweetspot

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



121.0820, 66.0216, -36.0289



213.6130, 20.4038, -11.0616



198.3430, 9.1979, -103.7868



103.1700, 12.2412, -6.2881



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.



121.0820, 66.0216, -36.0289



95.0670, 78.8470, -43.0318



114.9000, 69.0693, 13.2427



117.6560, 5.0996, -2.3293



44.6670, 72.1422, -39.1730



14.9270, 24.1930, -13.0910

Inverse Universe

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



136.4290, -10.0715, 103.9868



113.3930, -12.0257, 124.1893



220.1000, -69.0693, -13.2427



119.1150, -1.0427, 7.7921



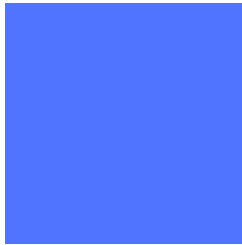
61.5550, -11.1196, 113.5233



20.6180, -3.7557, 38.0460

Previews

White Background



This preview shows how the YUV color 121.0820, 66.0216, -36.0289 looks on a white background.

Color Contrast Check

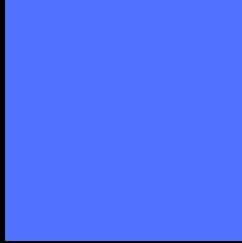
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.0820, 66.0216, -36.0289 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 121.0820, 66.0216, -36.0289

Background



This preview shows how black text looks on a background with the YUV color 121.0820, 66.0216, -36.0289.



This preview shows how white text looks on a background with the YUV color 121.0820, 66.0216, -36.0289.

-36.0289.

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

121.0820, 66.0216, -36.0289

Protanopia

110.2520, 71.3608, -68.6270

Deuteranopia

101.9600, 60.6587, -89.4189



Tritanopia

99.9810, 25.1524, -87.6833

Trichromacy



Original Color

121.0820, 66.0216, -36.0289

Protanomaly

114.1610, 69.4336, -57.1462

Deuteranomaly

108.9500, 62.6357, -70.1161

Tritanomaly

107.7010, 40.0804, -69.0208

Monochromacy



Original Color

121.0820, 66.0216, -36.0289

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9270, 24.1930, -13.0910

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.0820, 66.0216, -36.0289 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(80, 116, 255)` looks like.

```
.text, #text, p{  
    color:rgb(80, 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(80, 116, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 116, 255) }
```

Border

The CSS property to change the border of an element to YUV 121.0820, 66.0216, -36.0289 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(80, 116, 255) }
```


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

```
.border{ border-color:rgb(80, 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(80, 116, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 116, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 116, 255);  
box-shadow:4px 4px 4px 4px rgb(80, 116,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 121.0820, 66.0216, -36.0289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 116, 255) }
```

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

```
.background{ background-color: rgb(80, 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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