

Converting Colors

YUV(117.6370, 67.7200,
-20.7296)

Have a look what the booklet for
YUV(117.6370, 67.7200, -20.7296)
contains.

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Color

**YUV(117.6370, 67.7200,
-20.7296)**

Conversions

Conversions Part 1

Format	Color
Hex	5E67FF
RGB	94, 103, 255
RGB Percent	37%, 40%, 100%
CMY	0.6314, 0.5961, 0.0000
CMYK	0.63, 0.60, 0.00, 0.00
HSL	237°, 100%, 68%
HSV	237°, 63%, 100%
XYZ	27.5163, 19.3002, 96.8828
YIQ	117.6370, -54.1560, 45.3640

Conversions

Conversions Part 2

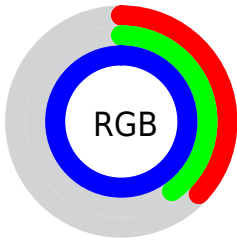
Format	Color
R _Y B	94, 103, 255
Decimal	6187007
CIE Lab	51.04, 41.82, -76.78
CIE LCh	51, 87.432, 298.572
Yxy	19.3002, 0.1915, 0.1343
Android (android.graphics.Color)	4284377087 (0xFF5E67FF)
YUV	117.6370, 67.7200, -20.7296
Hunter-Lab	43.9320, 34.9207, -99.9993

Details

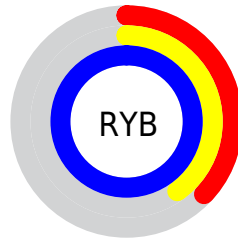
The YUV color **117.6370, 67.7200, -20.7296** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **231.3630, -67.7200, 20.7296**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0090, 43.3796, -7.0239**, and **55.3300, 69.8433, -48.5244** is the 20% darker color. If you saturate the color by 10%, you get **96.0740, 78.3505, -23.7439**, and if you desaturate by 10%, it is **139.4990, 56.9420, -17.1006**.

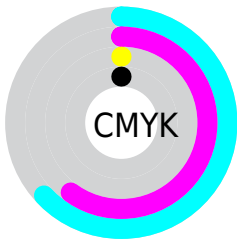
Distribution



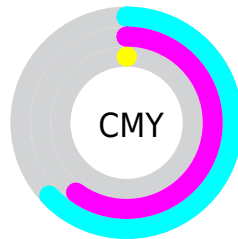
- Red (37%)
- Green (40%)
- Blue (100%)



- Red (37%)
- Yellow (40%)
- Blue (100%)



- Cyan (63%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.6370, 67.7200, -20.7296 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 117.6370, 67.7200, -20.7296 by changing the saturation by 10% instead.

■ 117.6370, 67.7200,
-20.7296

■ 117.6370, 67.7200,
-20.7296

255.0000, 0.0000,
0.0000

■ 88.8810, 67.5997,
-28.8366

■ 167.0090, 43.3796,
-7.0239

■ 55.3300, 69.8433,
-48.5244

■ 192.1270, 30.9964,
-1.8654

■ 39.8110, 63.6902,
-34.9142

■ 217.8320, 18.3238,
2.7783

■ 25.5800, 57.3951,
-22.4337

■ 243.5370, 5.6513,
7.4221

■ 13.1100, 50.2318,
-11.4975

■ 16.7170, 36.1285,
-14.6608

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 117.6370, 67.7200,
-20.7296

■ 117.6370, 67.7200,
-20.7296

■ 96.0740, 78.3505,
-23.7439

■ 139.4990, 56.9420,
-17.1006

■ 74.2120, 89.1285,
-27.3729

■ 161.0620, 46.3114,
-14.0864

■ 52.6490, 99.7590,
-30.3872

■ 182.9240, 35.5335,
-10.4573

■ 37.2880, 107.3320,
-32.7016

■ 204.4870, 24.9029,
-7.4431

■ 226.3490, 14.1249,
-3.8141

■ 247.9120, 3.4944,
-0.7998

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.



107.1410, 72.8945, -93.9627



117.6370, 67.7200, -20.7296



113.2600, 43.2558, 79.5790

Triad

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



117.6370, 67.7200, -20.7296



110.6140, -54.5327, 84.5305



101.8610, 6.9705, -89.3321

Complementary

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



117.6370, 67.7200, -20.7296



231.3630, -67.7200, 20.7296

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.



89.9370, -28.5629, -78.8747



117.6370, 67.7200, -20.7296



114.4150, -56.4066, 32.0850

Square

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



117.6370, 67.7200, -20.7296



86.0740, -14.8265, 135.8701



103.1430, -50.8495, -23.8044



111.1120, 39.8778, -97.4452

Rectangle

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



117.6370, 67.7200, -20.7296



88.0060, 32.0420, 129.7907



103.1430, -50.8495, -23.8044



98.1960, -4.5336, -86.1179

Sweetspot

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



117.6370, 67.7200, -20.7296



213.6460, 20.3875, -5.8285



205.6070, 18.9277, -97.8793



102.5940, 12.5252, -4.0289



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.



117.6370, 67.7200, -20.7296



89.5730, 81.5555, -25.0585



133.2840, 60.0060, 26.9379



116.4820, 5.6784, -1.2997



28.2310, 80.2451, -24.7586



9.6440, 26.7975, -8.4578

Inverse Universe

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



143.1650, -19.8013, 98.0793



120.2600, -23.7922, 118.1670



215.7160, -60.0060, -26.9379



118.8870, -1.9163, 7.9921



58.3630, -23.3500, 116.3226



19.5920, -7.6869, 38.9458

Previews

White Background



This preview shows how the YUV color 117.6370, 67.7200, -20.7296 looks on a white background.

Color Contrast Check

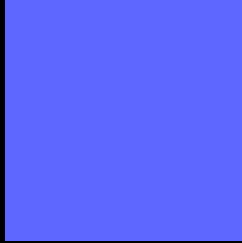
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.6370, 67.7200, -20.7296 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 117.6370, 67.7200, -20.7296 Background



This preview shows how black text looks on a background with the YUV color 117.6370, 67.7200, -20.7296.



This preview shows how white text looks on a background with the YUV color 117.6370, 67.7200, -20.7296.

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

117.6370, 67.7200, -20.7296

Protanopia

96.2500, 74.3197, -84.4112

Tritanopia

103.1470, 20.1405, -66.7809

Trichromacy



Original Color

117.6370, 67.7200, -20.7296

Protanomaly

103.8230, 72.0653, -61.2348

Tritanomaly

108.4260, 37.2580, -50.3626

Monochromacy



Original Color

117.6370, 67.7200, -20.7296

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0740, 24.6135, -7.9579

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.6370, 67.7200, -20.7296 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(94, 103, 255)` looks like.

```
.text, #text, p{  
    color:rgb(94, 103, 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(94, 103, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 103, 255) }
```

Border

The CSS property to change the border of an element to YUV 117.6370, 67.7200, -20.7296 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(94, 103, 255) }
```

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

```
.border{ border-color:rgb(94, 103, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 103, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 103, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 103, 255);  
box-shadow:4px 4px 4px 4px rgb(94, 103,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 117.6370, 67.7200, -20.7296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 103, 255) }
```

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

```
.background{ background-color: rgb(94, 103,  
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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