

Converting Colors

YUV(50.6770, 100.7312,
-15.5027)

Have a look what the booklet for
YUV(50.6770, 100.7312, -15.5027)
contains.

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Color

**YUV(50.6770, 100.7312,
-15.5027)**

Conversions

Conversions Part 1

Format	Color
Hex	2114FF
RGB	33, 20, 255
RGB Percent	13%, 8%, 100%
CMY	0.8706, 0.9216, 0.0000
CMYK	0.87, 0.92, 0.00, 0.00
HSL	243°, 100%, 54%
HSV	243°, 92%, 100%
XYZ	18.9274, 8.0436, 95.1627
YIQ	50.6770, -67.6870, 75.8410

Conversions

Conversions Part 2

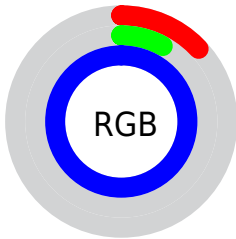
Format	Color
R _Y B	33, 20, 255
Decimal	2168063
CIE Lab	34.07, 76.15, -104.89
CIE LCh	34, 129.612, 305.979
Yxy	8.0436, 0.1550, 0.0659
Android (android.graphics.Color)	4280358143 (0xFF2114FF)
YUV	50.6770, 100.7312, -15.5027
Hunter-Lab	28.3613, 69.4924, -179.0870

Details

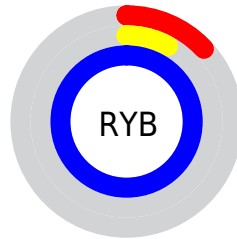
The YUV color **50.6770, 100.7312, -15.5027** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **224.3230, -100.7312, 15.5027**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.0030, 69.5115, 11.3984**, and **22.3440, 85.6124, -19.5957** is the 20% darker color. If you saturate the color by 10%, you get **33.2560, 109.3198, -16.8875**, and if you desaturate by 10%, it is **73.1150, 89.6693, -14.1329**.

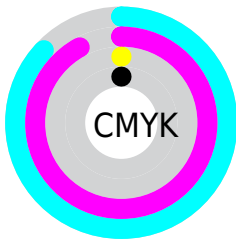
Distribution



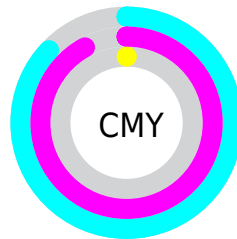
- Red (13%)
- Green (8%)
- Blue (100%)



- Red (13%)
- Yellow (8%)
- Blue (100%)



- Cyan (87%)
- Magenta (92%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (92%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.6770, 100.7312, -15.5027 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 50.6770, 100.7312, -15.5027 by changing the saturation by 10% instead.

■ 50.6770, 100.7312,
-15.5027

■ 50.6770, 100.7312,
-15.5027

■ 255.0000, 0.0000,
0.0000

■ 25.6500, 98.2796,
-22.4951

■ 114.0030, 69.5115,
11.3984

■ 22.3440, 85.6124,
-19.5957

■ 140.6160, 56.3913,
19.6308

■ 19.1520, 73.3821,
-16.7963

■ 166.3320, 43.7133,
26.0188

■ 15.9600, 61.1517,
-13.9969

■ 192.6350, 30.7459,
31.8921

■ 21.8010, 45.4541,
-19.1195

■ 216.8450, 18.8104,
33.4619

■ 17.0760, 34.9655,
-14.9757

■ 233.8680, 10.4181,

■ 11.2910, 25.4925,

18.5328

-9.9022

251.4780, 1.7363,
3.0888

6.4350, 17.0405,
-5.6435

2.6390, 7.5730,
-2.3144

50.6770, 100.7312,
-15.5027

50.6770, 100.7312,
-15.5027

33.2560, 109.3198,
-16.8875

73.1150, 89.6693,
-14.1329

94.9660, 78.8968,
-12.2482

117.4040, 67.8348,
-10.8783

139.2550, 57.0623,
-8.9936

■ 161.1060, 46.2897,
-7.1090

■ 183.8430, 35.0804,
-5.1243

■ 206.2810, 24.0185,
-3.7544

■ 228.1320, 13.2459,
-1.8698

■ 250.5700, 2.1840,
-0.4999

Harmonies

Analogous

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



86.0090, 83.3126, -75.4299



50.6770, 100.7312, -15.5027



80.3330, 42.7268, 109.3330

Triad

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



50.6770, 100.7312, -15.5027



60.7540, -29.9517, 87.0387



75.3830, 12.1362, -66.1109

Complementary

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



50.6770, 100.7312, -15.5027



224.3230, -100.7312, 15.5027

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.



62.2220, -30.6754, -54.5687



50.6770, 100.7312, -15.5027



73.8150, -36.3908, 5.4242

Square

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



50.6770, 100.7312, -15.5027



64.5840, -31.8399, 132.7918



59.2870, -29.2285, -51.9947



89.5870, 56.4056, -78.5678

Rectangle

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



50.6770, 100.7312, -15.5027



81.5510, 8.6024, 134.5748



59.2870, -29.2285, -51.9947



70.5780, -3.7360, -61.8969

Sweetspot

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



50.6770, 100.7312, -15.5027



193.2900, 30.4230, -4.6393



177.6910, 38.1133, -138.2950



89.9130, 18.7769, -2.5547



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.



50.6770, 100.7312, -15.5027



33.2560, 109.3198, -16.8875



85.3610, 83.6320, 55.8114



116.4820, 5.6784, -1.2997



25.0630, 81.8069, -12.3333



8.4920, 27.3654, -3.9395

Inverse Universe

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



115.5730, 62.3285, 122.2775



103.7190, 67.6795, 132.6734



189.6390, -83.6320, -55.8114



120.2550, 3.3253, 6.7924



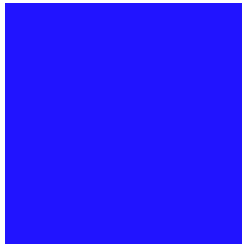
77.7430, 50.9057, 99.3264



25.9760, 16.7738, 33.3470

Previews

White Background



This preview shows how the YUV color 50.6770, 100.7312, -15.5027 looks on a white background.

Color Contrast Check

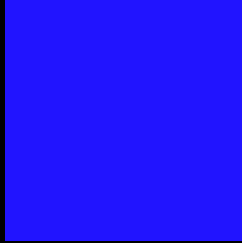
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 50.6770, 100.7312, -15.5027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

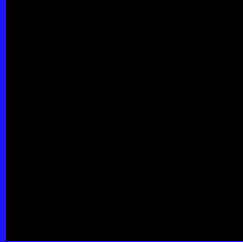
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.6770, 100.7312, -15.5027

Background



This preview shows how black text looks on a background with the YUV color 50.6770, 100.7312, -15.5027.



This preview shows how white text looks on a background with the YUV color 50.6770, 100.7312, -15.5027.

-15.5027.

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

50.6770, 100.7312, -15.5027

Protanopia

63.5530, 48.0414, -55.7360

Deuteranopia

63.6380, 35.6745, -55.8105

Trichromacy



Original Color

50.6770, 100.7312, -15.5027

Protanomaly

58.6900, 67.2008, -40.9471

Deuteranomaly

58.6270, 59.3439, -40.8919

Monochromacy



Original Color

50.6770, 100.7312, -15.5027

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.8860, 36.5382, -6.0390

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.6770, 100.7312, -15.5027 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(33, 20, 255)` looks like.

```
.text, #text, p{  
    color:rgb(33, 20, 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(33, 20, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 20, 255) }
```

Border

The CSS property to change the border of an element to YUV 50.6770, 100.7312, -15.5027 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(33, 20, 255) }
```

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

```
.border{ border-color:rgb(33, 20, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 20, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 20, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 20, 255);  
box-shadow:4px 4px 4px 4px rgb(33, 20,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 50.6770, 100.7312, -15.5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 20, 255) }
```

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

```
.background{ background-color: rgb(33, 20,  
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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