

Converting Colors

YUV(101.9550, 75.4512,
-27.1475)

Have a look what the booklet for
YUV(101.9550, 75.4512, -27.1475)
contains.

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Color

**YUV(101.9550, 75.4512,
-27.1475)**

Conversions

Conversions Part 1

Format	Color
Hex	4758FF
RGB	71, 88, 255
RGB Percent	28%, 35%, 100%
CMY	0.7216, 0.6549, 0.0000
CMYK	0.72, 0.65, 0.00, 0.00
HSL	234°, 100%, 64%
HSV	234°, 72%, 100%
XYZ	24.1383, 15.5390, 96.3349
YIQ	101.9550, -63.7390, 48.3330

Conversions

Conversions Part 2

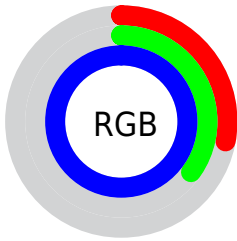
Format	Color
R _Y B	71, 87, 255
Decimal	4675839
CIE Lab	46.36, 47.83, -84.48
CIE LCh	46, 97.076, 299.516
Yxy	15.5390, 0.1775, 0.1142
Android (android.graphics.Color)	4282865919 (0xFF4758FF)
YUV	101.9550, 75.4512, -27.1475
Hunter-Lab	39.4196, 40.3187, -117.3011

Details

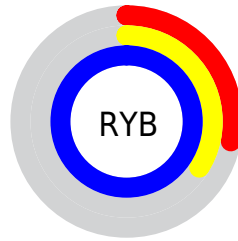
The YUV color **101.9550, 75.4512, -27.1475** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **224.0450, -75.4512, 27.1475**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5340, 50.5157, -9.2383**, and **47.1120, 73.8948, -41.3172** is the 20% darker color. If you saturate the color by 10%, you get **80.9790, 85.7924, -30.6766**, and if you desaturate by 10%, it is **123.2300, 64.9626, -23.0037**.

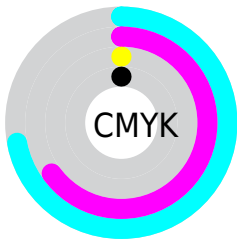
Distribution



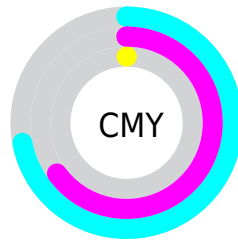
- Red (28%)
- Green (35%)
- Blue (100%)



- Red (28%)
- Yellow (34%)
- Blue (100%)



- Cyan (72%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.9550, 75.4512, -27.1475 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 101.9550, 75.4512, -27.1475 by changing the saturation by 10% instead.

■ 101.9550, 75.4512,
-27.1475

■ 101.9550, 75.4512,
-27.1475

■ 255.0000, 0.0000,
0.0000

■ 63.9300, 79.9005,
-54.3126

■ 152.5340, 50.5157,
-9.2383

■ 47.1120, 73.8948,
-41.3172

■ 178.2500, 37.8378,
-2.8502

■ 32.1800, 67.4523,
-28.2219

■ 203.3680, 25.4546,
2.3083

■ 19.0090, 60.1416,
-16.6709

■ 229.3720, 12.6346,
7.5668

■ 13.1100, 50.2318,
-11.4975

■ 251.4780, 1.7363,
3.0888

■ 17.7770, 35.1129,
-15.5904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 101.9550, 75.4512,
-27.1475

■ 101.9550, 75.4512,
-27.1475

■ 80.9790, 85.7924,
-30.6766

■ 123.2300, 64.9626,
-23.0037

■ 59.7040, 96.2809,
-34.8204

■ 144.2060, 54.6214,
-19.4747

■ 43.1580, 104.4381,
-37.8496

■ 165.1820, 44.2803,
-15.9456

■ 187.0440, 33.5023,
-12.3166

■ 208.3190, 23.0137,
-8.1728

■ 229.2950, 12.6726,
-4.6437

■ 250.5700, 2.1840,
-0.4999

■ 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.



101.2710, 75.7884, -88.8147



101.9550, 75.4512, -27.1475



81.9160, 55.2574, 103.5597

Triad

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



101.9550, 75.4512, -27.1475



97.3460, -47.9916, 86.5196



94.2640, 5.7858, -82.6695

Complementary

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



101.9550, 75.4512, -27.1475



224.0450, -75.4512, 27.1475

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.



79.8320, -39.3572, -70.0127



101.9550, 75.4512, -27.1475



103.1740, -50.8648, 27.9114

Square

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



101.9550, 75.4512, -27.1475



74.3690, -18.9159, 140.8734



88.3030, -43.5334, -37.0997



104.3130, 41.7507, -91.4825

Rectangle

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



101.9550, 75.4512, -27.1475



86.1540, 27.5321, 129.6609



88.3030, -43.5334, -37.0997



90.3710, -6.5919, -79.2554

Sweetspot

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



101.9550, 75.4512, -27.1475



208.3190, 23.0137, -8.1728



197.9320, 19.2605, -111.3194



99.6370, 13.9830, -4.9436



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.



101.9550, 75.4512, -27.1475



70.6350, 90.8919, -33.0059



114.1020, 69.4627, 27.0975



117.0690, 5.3890, -1.8145



32.3400, 78.2194, -28.3622



10.8180, 26.2187, -9.4874

Inverse Universe

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



127.9540, -19.6973, 111.4193



101.7720, -23.5516, 134.3810



211.8980, -69.4627, -27.0975



119.0010, -1.4795, 7.8921



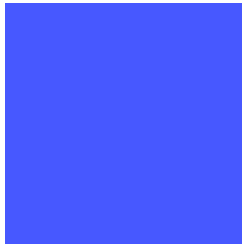
59.1610, -20.2924, 115.6228



19.8200, -6.8133, 38.7459

Previews

White Background



This preview shows how the YUV color 101.9550, 75.4512, -27.1475 looks on a white background.

Color Contrast Check

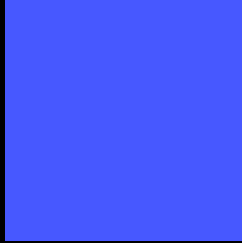
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.9550, 75.4512, -27.1475 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 101.9550, 75.4512, -27.1475

Background



This preview shows how black text looks on a background with the YUV color 101.9550, 75.4512, -27.1475.



This preview shows how white text looks on a background with the YUV color 101.9550, 75.4512, -27.1475.

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

101.9550, 75.4512, -27.1475

Protanopia

86.9430, 66.5831, -76.2490

Tritanopia

85.7330, 21.3306, -75.1878

Trichromacy



Original Color

101.9550, 75.4512, -27.1475

Protanomaly

92.5630, 69.7284, -58.3758

Tritanomaly

91.7070, 41.0634, -57.6250

Monochromacy



Original Color

101.9550, 75.4512, -27.1475

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.1600, 27.5291, -9.7873

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.9550, 75.4512, -27.1475 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(71, 88, 255)` looks like.

```
.text, #text, p{  
    color:rgb(71, 88, 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(71, 88, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 88, 255) }
```

Border

The CSS property to change the border of an element to YUV 101.9550, 75.4512, -27.1475 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(71, 88, 255) }
```

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

```
.border{ border-color:rgb(71, 88, 255) }
```

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

Here you see how a box with a 4 pixel rgb(71, 88, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 88, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 88, 255);  
box-shadow:4px 4px 4px 4px rgb(71, 88,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 101.9550, 75.4512, -27.1475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 88, 255) }
```

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

```
.background{ background-color: rgb(71, 88,  
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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