

Converting Colors

YUV(102.5860, 75.1401,
-20.6849)

Have a look what the booklet for
YUV(102.5860, 75.1401, -20.6849)
contains.

YUV(102.5860, 75.1401, -20.6849)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(102.5860, 75.1401,
-20.6849)**

Conversions

Conversions Part 1

Format	Color
Hex	4F55FF
RGB	79, 85, 255
RGB Percent	31%, 33%, 100%
CMY	0.6902, 0.6667, 0.0000
CMYK	0.69, 0.67, 0.00, 0.00
HSL	238°, 100%, 65%
HSV	238°, 69%, 100%
XYZ	24.5229, 15.3793, 96.2837
YIQ	102.5860, -58.1460, 51.5980

Conversions

Conversions Part 2

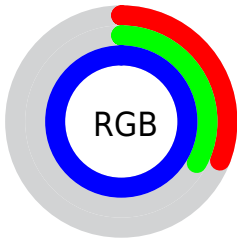
Format	Color
R _Y B	79, 85, 255
Decimal	5199359
CIE Lab	46.15, 50.42, -84.81
CIE LCh	46, 98.670, 300.732
Yxy	15.3793, 0.1801, 0.1129
Android (android.graphics.Color)	4283389439 (0xFF4F55FF)
YUV	102.5860, 75.1401, -20.6849
Hunter-Lab	39.2164, 42.9916, -118.1167

Details

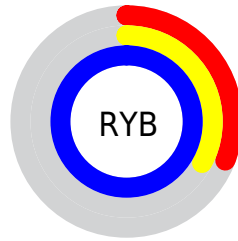
The YUV color **102.5860, 75.1401, -20.6849** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **231.4140, -75.1401, 20.6849**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5670, 50.4995, -4.0053**, and **45.3510, 74.7630, -39.7728** is the 20% darker color. If you saturate the color by 10%, you get **80.4360, 86.0601, -23.1844**, and if you desaturate by 10%, it is **125.0350, 64.0727, -17.5707**.

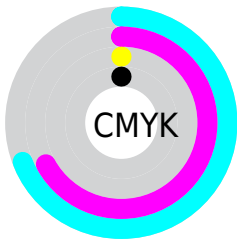
Distribution



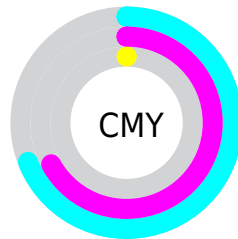
- Red (31%)
- Green (33%)
- Blue (100%)



- Red (31%)
- Yellow (33%)
- Blue (100%)



- Cyan (69%)
- Magenta (67%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (67%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.5860, 75.1401, -20.6849 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 102.5860, 75.1401, -20.6849 by changing the saturation by 10% instead.

■ 102.5860, 75.1401,
-20.6849

■ 102.5860, 75.1401,
-20.6849

255.0000, 0.0000,
0.0000

■ 69.9430, 76.9361,
-36.7840

■ 152.5670, 50.4995,
-4.0053

■ 45.3510, 74.7630,
-39.7728

■ 177.9840, 37.9689,
1.7680

■ 29.2450, 68.8992,
-25.6479

■ 203.4010, 25.4383,
7.5413

■ 16.6610, 61.2991,
-14.6117

■ 229.1060, 12.7657,
12.1850

■ 13.1100, 50.2318,
-11.4975

■ 249.7170, 2.6045,
4.6332

■ 17.7770, 35.1129,
-15.5904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 102.5860, 75.1401,
-20.6849

■ 102.5860, 75.1401,
-20.6849

■ 80.4360, 86.0601,
-23.1844

■ 125.0350, 64.0727,
-17.5707

■ 58.5740, 96.8380,
-26.8134

■ 146.5980, 53.4422,
-14.5564

■ 36.4240, 107.7580,
-29.3128

■ 169.0470, 42.3748,
-11.4422

■ 34.3530, 108.7790,
-30.1276

■ 191.1970, 31.4549,
-8.9428

■ 213.0590, 20.6769,
-5.3137

■ 235.2090, 9.7570,
-2.8143

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.



100.6840, 76.0778, -88.2999



102.5860, 75.1401, -20.6849



82.8840, 53.7942, 106.2187

Triad

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



102.5860, 75.1401, -20.6849



97.3350, -47.9862, 84.7752



94.0190, 7.3856, -82.4547

Complementary

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



102.5860, 75.1401, -20.6849



231.4140, -75.1401, 20.6849

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.



80.0600, -38.4836, -70.2126



102.5860, 75.1401, -20.6849



102.8640, -50.7120, 25.5523

Square

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



102.5860, 75.1401, -20.6849



73.7990, -21.0999, 141.3733



85.0140, -41.9119, -43.8623



104.7690, 43.4979, -91.8824

Rectangle

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



102.5860, 75.1401, -20.6849



86.4100, 25.9269, 131.1904



85.0140, -41.9119, -43.8623



90.7130, -5.2815, -79.5553

Sweetspot

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



102.5860, 75.1401, -20.6849



208.3300, 23.0083, -6.4284



201.3500, 22.0124, -107.3010



100.2350, 13.6881, -3.7141



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.



102.5860, 75.1401, -20.6849



71.8640, 90.2860, -25.3137



122.6850, 65.2313, 30.9713



116.4820, 5.6784, -1.2997



25.8830, 81.4027, -22.6994



8.4700, 27.3763, -7.4282

Inverse Universe

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



132.3080, -23.3228, 107.6009



107.3000, -27.7559, 129.5329



211.3150, -65.2313, -30.9713



118.8870, -1.9163, 7.9921



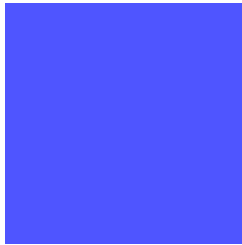
57.9070, -25.0972, 116.7226



19.3640, -8.5605, 39.1458

Previews

White Background



This preview shows how the YUV color 102.5860, 75.1401, -20.6849 looks on a white background.

Color Contrast Check

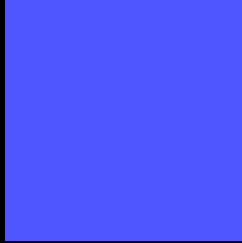
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.5860, 75.1401, -20.6849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

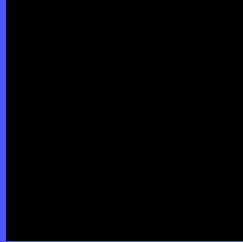
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.5860, 75.1401, -20.6849

Background



This preview shows how black text looks on a background with the YUV color 102.5860, 75.1401, -20.6849.



This preview shows how white text looks on a background with the YUV color 102.5860, 75.1401, -20.6849.

-20.6849.

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

102.5860, 75.1401, -20.6849

Protanopia

86.8290, 66.1463, -76.1490

Deuteranopia

86.7030, 50.4324, -76.0385



Tritanopia

85.1460, 21.6200, -74.6730

Trichromacy



Original Color

102.5860, 75.1401, -20.6849

Protanomaly

92.7590, 69.1388, -55.9166

Deuteranomaly

92.8270, 59.2453, -55.9763

Tritanomaly

91.4300, 41.2000, -54.7511

Monochromacy



Original Color

102.5860, 75.1401, -20.6849

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.4700, 27.3763, -7.4282

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.5860, 75.1401, -20.6849 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(79, 85, 255)` looks like.

```
.text, #text, p{  
    color:rgb(79, 85, 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(79, 85, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 85, 255) }
```

Border

The CSS property to change the border of an element to YUV 102.5860, 75.1401, -20.6849 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(79, 85, 255) }
```


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

```
.border{ border-color:rgb(79, 85, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 85, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 85, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 85, 255);  
box-shadow:4px 4px 4px 4px rgb(79, 85,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 102.5860, 75.1401, -20.6849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 85, 255) }
```

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

```
.background{ background-color: rgb(79, 85,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor