

Converting Colors

YUV(68.3180, 85.1322, -5.5409)

Have a look what the booklet for
YUV(68.3180, 85.1322, -5.5409)
contains.

YUV(68.3180, 85.1322, -5.5409)	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(68.3180, 85.1322,
-5.5409)**

Conversions

Conversions Part 1

Format	Color
Hex	3E26F1
RGB	62, 38, 241
RGB Percent	24%, 15%, 95%
CMY	0.7569, 0.8510, 0.0549
CMYK	0.74, 0.84, 0.00, 0.05
HSL	247°, 88%, 55%
HSV	247°, 84%, 95%
XYZ	18.5569, 8.7612, 83.9321
YIQ	68.3180, -50.8590, 68.2210

Conversions

Conversions Part 2

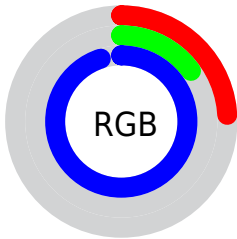
Format	Color
R _Y B	62, 38, 241
Decimal	4073201
CIE Lab	35.52, 67.99, -94.55
CIE LCh	36, 116.460, 305.720
Yxy	8.7612, 0.1668, 0.0788
Android (android.graphics.Color)	4282263281 (0xFF3E26F1)
YUV	68.3180, 85.1322, -5.5409
Hunter-Lab	29.5994, 60.1091, -147.4034

Details

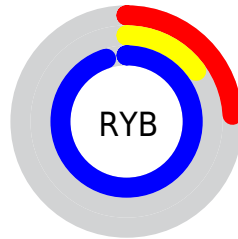
The YUV color **68.3180, 85.1322, -5.5409** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **210.6820, -85.1322, 5.5409**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.4500, 64.8542, 11.8834**, and **20.8620, 79.9340, -18.2960** is the 20% darker color. If you saturate the color by 10%, you get **47.9510, 95.1732, -6.0960**, and if you desaturate by 10%, it is **88.6850, 75.0913, -4.9857**.

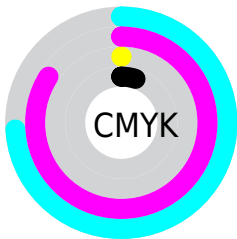
Distribution



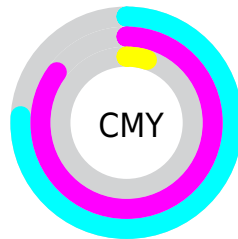
- Red (24%)
- Green (15%)
- Blue (95%)



- Red (24%)
- Yellow (15%)
- Blue (95%)



- Cyan (74%)
- Magenta (84%)
- Yellow (0%)
- Black (5%)



- Cyan (76%)
- Magenta (85%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.3180, 85.1322, -5.5409 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 68.3180, 85.1322, -5.5409 by changing the saturation by 10% instead.

■ 68.3180, 85.1322,
-5.5409

■ 68.3180, 85.1322,
-5.5409

■ 255.0000, 0.0000,
0.0000

■ 25.9290, 91.7330,
-22.7397

■ 123.4500, 64.8542,
11.8834

■ 20.8620, 79.9340,
-18.2960

■ 149.1660, 52.1762,
18.2714

■ 17.6700, 67.7037,
-15.4966

■ 174.5830, 39.6456,
24.0447

■ 14.5920, 55.9101,
-12.7972

■ 200.5870, 26.8256,
29.3032

■ 19.2590, 40.7913,
-16.8901

■ 223.3020, 15.6271,
27.7991

■ 14.6480, 30.7395,
-12.8463

■ 240.3250, 7.2348,

■ 8.9770, 21.7033,

12.8700

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 68.3180, 85.1322,
-5.5409

■ 68.3180, 85.1322,
-5.5409

■ 47.9510, 95.1732,
-6.0960

■ 88.6850, 75.0913,
-4.9857

■ 35.8460, 101.1409,
-6.8809

■ 109.3510, 64.9030,
-3.8158

■ 129.7180, 54.8620,
-3.2607

■ 150.0850, 44.8211,
-2.7055

■ 170.4520, 34.7802,
-2.1504

■ 191.7050, 24.3024,
-1.4953

■ 212.0720, 14.2615,
-0.9401

■ 232.4390, 4.2206,
-0.3850

■ 252.8060, -5.8204,
0.1701

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



68.3180, 85.1322, -5.5409



77.7840, 42.0115, 105.4294

Triad

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



68.3180, 85.1322, -5.5409



70.1460, -34.5820, 78.8020



77.1440, 11.2680, -67.6553

Complementary

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



68.3180, 85.1322, -5.5409



210.6820, -85.1322, 5.5409

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.



63.9830, -31.5436, -56.1131



68.3180, 85.1322, -5.5409



77.0820, -38.0014, 8.6981

Square

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



68.3180, 85.1322, -5.5409



62.7900, -30.9555, 129.1032



61.0480, -30.0967, -53.5391



89.6210, 51.4588, -78.5976

Rectangle

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



68.3180, 85.1322, -5.5409



78.9030, 11.3868, 128.1271



61.0480, -30.0967, -53.5391



72.7950, -2.8569, -63.8412

Sweetspot

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



68.3180, 85.1322, -5.5409



200.6880, 26.7758, -1.4804



166.2150, 36.8690, -112.4446



94.9410, 16.2981, -0.8253



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.



68.3180, 85.1322, -5.5409



38.0400, 106.9613, -7.0511



98.5170, 70.2441, 56.5516



109.6670, 5.0942, -0.5850



27.5540, 77.1279, -4.8709



8.4770, 23.4288, -1.2953

Inverse Universe

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



119.1030, 48.2632, 106.9037



101.8950, 60.6908, 134.2731



180.4830, -70.2441, -56.5516



112.7280, 2.5991, 6.3775



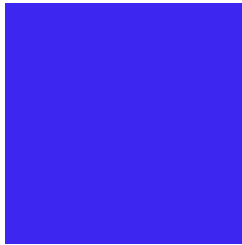
73.4840, 43.6384, 96.9225



22.3300, 13.1483, 29.5286

Previews

White Background



This preview shows how the YUV color 68.3180, 85.1322, -5.5409 looks on a white background.

Color Contrast Check

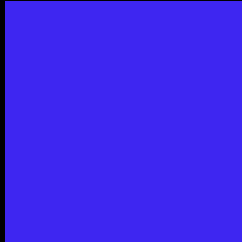
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.3180, 85.1322, -5.5409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

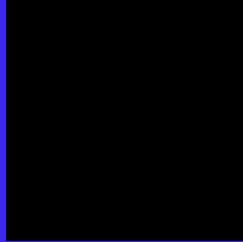
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.3180, 85.1322, -5.5409

Background



This preview shows how black text looks on a background with the YUV color 68.3180, 85.1322, -5.5409.



This preview shows how white text looks on a background with the YUV color 68.3180, 85.1322, -5.5409.

-5.5409.

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

68.3180, 85.1322, -5.5409

Protanopia

66.1120, 50.2308, -57.9802

Deuteranopia

66.1970, 37.8639, -58.0548



Tritanopia

65.0620, 15.7454, -57.0594

Trichromacy



Original Color

68.3180, 85.1322, -5.5409

Protanomaly

67.2620, 62.9748, -38.8178

Deuteranomaly

67.1990, 55.1179, -38.7625

Tritanomaly

66.1270, 40.8564, -37.8224

Monochromacy



Original Color

68.3180, 85.1322, -5.5409

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1270, 30.9964, -1.8654

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.3180, 85.1322, -5.5409 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(62, 38, 241)` looks like.

```
.text, #text, p{  
  color:rgb(62, 38, 241)  
}
```

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(62, 38, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 38, 241) }
```

Border

The CSS property to change the border of an element to YUV 68.3180, 85.1322, -5.5409 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(62, 38, 241) }
```


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

```
.border{ border-color:rgb(62, 38, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 38, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 38, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 38, 241);  
box-shadow:4px 4px 4px 4px rgb(62, 38,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 68.3180, 85.1322, -5.5409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 38, 241) }
```

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

```
.background{ background-color: rgb(62, 38,  
241) }
```

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