

Converting Colors

YUV(108.7350, 65.6996,
-26.0776)

Have a look what the booklet for
YUV(108.7350, 65.6996, -26.0776)
contains.

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Color

**YUV(108.7350, 65.6996,
-26.0776)**

Conversions

Conversions Part 1

Format	Color
Hex	4F62F2
RGB	79, 98, 242
RGB Percent	31%, 38%, 95%
CMY	0.6902, 0.6157, 0.0510
CMYK	0.67, 0.60, 0.00, 0.05
HSL	233°, 86%, 63%
HSV	233°, 67%, 95%
XYZ	23.6191, 16.8084, 86.0039
YIQ	108.7350, -57.5480, 40.7560

Conversions

Conversions Part 2

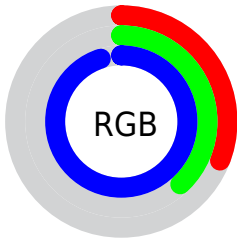
Format	Color
R_{YB}	79, 96, 242
Decimal	5202674
CIE _{Lab}	48.02, 38.41, -74.50
CIE _{LCh}	48, 83.820, 297.274
Yxy	16.8084, 0.1868, 0.1329
Android (android.graphics.Color)	4283392754 (0xFF4F62F2)
YUV	108.7350, 65.6996, -26.0776
Hunter-Lab	40.9981, 31.0878, -95.6771

Details

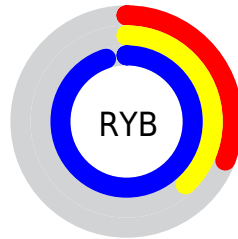
The YUV color **108.7350, 65.6996, -26.0776** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **212.2650, -65.6996, 26.0776**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.8880, 46.8902, -13.0568**, and **51.6140, 65.7593, -45.2655** is the 20% darker color. If you saturate the color by 10%, you get **89.2320, 75.3146, -30.0215**, and if you desaturate by 10%, it is **128.2380, 56.0847, -22.1337**.

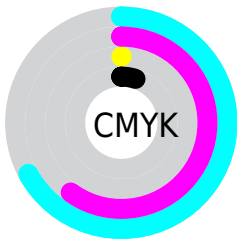
Distribution



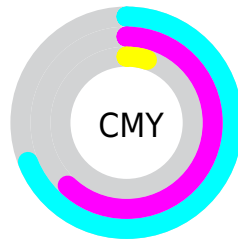
- Red (31%)
- Green (38%)
- Blue (95%)



- Red (31%)
- Yellow (38%)
- Blue (95%)



- Cyan (67%)
- Magenta (60%)
- Yellow (0%)
- Black (5%)



- Cyan (69%)
- Magenta (62%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.7350, 65.6996, -26.0776 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 108.7350, 65.6996, -26.0776 by changing the saturation by 10% instead.

■ 108.7350, 65.6996,
-26.0776

■ 108.7350, 65.6996,
-26.0776

255.0000, 0.0000,
0.0000

■ 78.1850, 66.4638,
-37.8732

■ 159.8880, 46.8902,
-13.0568

■ 51.6140, 65.7593,
-45.2655

■ 184.4190, 34.7964,
-7.3835

■ 36.0950, 59.6062,
-31.6553

■ 210.1240, 22.1239,
-2.7397

■ 23.0380, 52.7323,
-20.2043

■ 235.8290, 9.4513,
1.9040

■ 11.8560, 45.4270,
-10.3977

■ 14.8760, 31.6131,
-13.0463

■ 9.2050, 22.5769,

-8.0728

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 108.7350, 65.6996,
-26.0776

■ 108.7350, 65.6996,
-26.0776

■ 89.2320, 75.3146,
-30.0215

■ 128.2380, 56.0847,
-22.1337

■ 69.1420, 85.2190,
-33.4505

■ 148.3280, 46.1803,
-18.7047

■ 49.3400, 94.9814,
-38.0092

■ 168.1300, 36.4179,
-14.1460

■ 44.0240, 97.6022,
-38.6090

■ 188.2200, 26.5135,
-10.7169

■ 207.7230, 16.8986,
-6.7731

■ 227.2260, 7.2836,
-2.8292

■ 247.3160, -2.6208,
0.5999

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



103.0320, 74.9202, -90.3591



108.7350, 65.6996, -26.0776



107.1620, 41.8251, 71.7719

Triad

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



108.7350, 65.6996, -26.0776



103.2160, -50.8855, 81.3716



95.3240, 4.7703, -83.5991

Complementary

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



108.7350, 65.6996, -26.0776



212.2650, -65.6996, 26.0776

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.



83.7420, -29.4528, -73.4417



108.7350, 65.6996, -26.0776



107.3380, -52.9176, 33.0296

Square

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



108.7350, 65.6996, -26.0776



75.0290, -9.8743, 134.1556



97.2620, -47.9502, -20.4008



104.2330, 36.3671, -91.4123

Rectangle

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



108.7350, 65.6996, -26.0776



82.8370, 31.6324, 121.1690



97.2620, -47.9502, -20.4008



91.8870, -5.8603, -80.5849

Sweetspot

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



108.7350, 65.6996, -26.0776



213.3360, 20.5404, -8.1877



191.0970, 15.7282, -98.3091



102.2950, 12.6726, -4.6437



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.



108.7350, 65.6996, -26.0776



86.2730, 83.1824, -33.5654



116.1200, 62.0588, 21.8198



109.9550, 4.9522, -1.7145



33.3030, 74.2936, -29.2067



10.4930, 22.4350, -9.2024

Inverse Universe

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



129.9030, -15.7282, 98.3091



112.7430, -19.5933, 124.7594



204.8800, -62.0588, -21.8198



111.7020, -1.3321, 7.2773



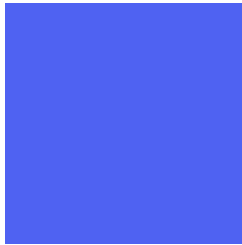
57.4100, -17.9501, 111.0194



17.5420, -5.1972, 33.7277

Previews

White Background



This preview shows how the YUV color 108.7350, 65.6996, -26.0776 looks on a white background.

Color Contrast Check

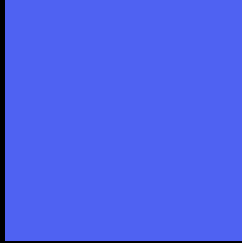
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.7350, 65.6996, -26.0776 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 108.7350, 65.6996, -26.0776

Background



This preview shows how black text looks on a background with the YUV color 108.7350, 65.6996, -26.0776.



This preview shows how white text looks on a background with the YUV color 108.7350, 65.6996, -26.0776.

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

108.7350, 65.6996, -26.0776

Protanopia

90.3170, 69.3567, -79.2080

Deuteranopia

90.7780, 53.3534, -79.6123



Tritanopia

89.3520, 22.5045, -78.3617

Trichromacy



Original Color

108.7350, 65.6996, -26.0776

Protanomaly

97.0960, 67.9867, -59.7202

Deuteranomaly

97.1640, 58.0931, -59.7798

Tritanomaly

96.5990, 38.1587, -59.2843

Monochromacy



Original Color

108.7350, 65.6996, -26.0776

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8350, 23.7453, -9.5023

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7350, 65.6996, -26.0776 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, 98, 242)` looks like.

```
.text, #text, p{  
    color:rgb(79, 98, 242)  
}
```

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, 98, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 98, 242) }
```

Border

The CSS property to change the border of an element to YUV 108.7350, 65.6996, -26.0776 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, 98, 242) }
```


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

```
.border{ border-color:rgb(79, 98, 242) }
```

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

Here you see how a box with a 4 pixel rgb(79, 98, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 98, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 98, 242);  
box-shadow:4px 4px 4px 4px rgb(79, 98,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 108.7350, 65.6996, -26.0776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 98, 242) }
```

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

```
.background{ background-color: rgb(79, 98,  
242) }
```

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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