

Converting Colors

YUV(165.5910, 40.6276,
-11.0423)

Have a look what the booklet for
YUV(165.5910, 40.6276, -11.0423)
contains.

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Color

**YUV(165.5910, 40.6276,
-11.0423)**

Conversions

Conversions Part 1

Format	Color
Hex	999CF8
RGB	153, 156, 248
RGB Percent	60%, 61%, 97%
CMY	0.4000, 0.3882, 0.0275
CMYK	0.38, 0.37, 0.00, 0.03
HSL	238°, 87%, 79%
HSV	238°, 38%, 97%
XYZ	41.9686, 37.3265, 93.7997
YIQ	165.5910, -31.3200, 27.9760

Conversions

Conversions Part 2

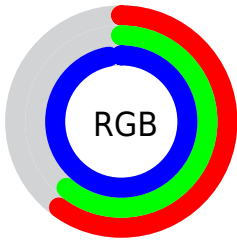
Format	Color
RYB	153, 156, 248
Decimal	10067192
CIELab	67.52, 20.74, -46.30
CIElCh	68, 50.732, 294.127
Yxy	37.3265, 0.2425, 0.2156
Android (android.graphics.Color)	4288257272 (0xFF999CF8)
YUV	165.5910, 40.6276, -11.0423
Hunter-Lab	61.0955, 15.7009, -48.2610

Details

The YUV color **165.5910, 40.6276, -11.0423** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **235.4090, -40.6276, 11.0423**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.1300, 19.6559, -4.4990**, and **112.4120, 38.7439, -13.5163** is the 20% darker color. If you saturate the color by 10%, you get **144.0280, 51.2582, -14.0566**, and if you desaturate by 10%, it is **187.1540, 29.9971, -8.0281**.

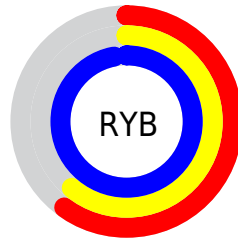
Distribution



Red (60%)

Green (61%)

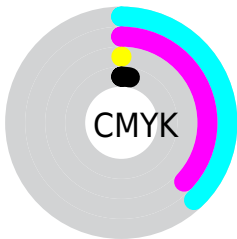
Blue (97%)



Red (60%)

Yellow (61%)

Blue (97%)

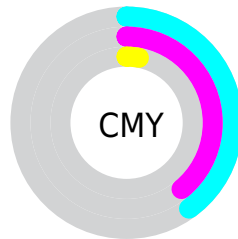


Cyan (38%)

Magenta (37%)

Yellow (0%)

Black (3%)



Cyan (40%)

Magenta (39%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.5910, 40.6276, -11.0423 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 165.5910, 40.6276, -11.0423 by changing the saturation by 10% instead.

■ 165.5910, 40.6276,
-11.0423

■ 165.5910, 40.6276,
-11.0423

■ 255.0000, 0.0000,
0.0000

■ 138.6510, 39.6121,
-11.9719

■ 215.1300, 19.6559,
-4.4990

■ 112.4120, 38.7439,
-13.5163

■ 240.8240, 6.9888,
-1.5996

■ 86.8740, 38.0231,
-15.6755

■ 61.3250, 37.3078,
-19.5790

■ 34.3730, 37.7771,
-30.1451

■ 20.3700, 32.3556,
-17.8645

■ 7.0680, 27.0815,

-6.1986

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 165.5910, 40.6276,
-11.0423

■ 165.5910, 40.6276,
-11.0423

■ 144.0280, 51.2582,
-14.0566

■ 187.1540, 29.9971,
-8.0281

■ 122.4650, 61.8888,
-17.0708

■ 208.7170, 19.3665,
-5.0138

■ 101.2010, 72.3719,
-19.4703

■ 229.9810, 8.8834,
-2.6143

■ 79.6380, 83.0025,
-22.4845

■ 251.5440, -1.7472,
0.3999

■ 58.0750, 93.6330,
-25.4988

■ 254.2020, -3.0576,
0.6998

■ 36.5120, 104.2636,
-28.5130

■ 32.9680, 106.0108,
-28.9129

Harmonies

Analogous

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



143.7880, 54.8275, -85.7601



165.5910, 40.6276, -11.0423



169.3600, 24.4725, 37.3953

Triad

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



165.5910, 40.6276, -11.0423



163.3950, -35.6907, 61.0436



127.3250, 13.1508, -111.6640

Complementary

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



165.5910, 40.6276, -11.0423



235.4090, -40.6276, 11.0423

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.



148.8610, -19.6515, -43.7281



165.5910, 40.6276, -11.0423



160.9280, -44.3345, 33.3891

Square

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



165.5910, 40.6276, -11.0423



164.7060, -17.1101, 74.8028



156.3750, -39.1319, -2.0829



132.5690, 33.2435, -116.2630

Rectangle

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



165.5910, 40.6276, -11.0423



168.0610, 11.3089, 59.5825



156.3750, -39.1319, -2.0829



136.2760, 0.8499, -86.1881

Sweetspot

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



165.5910, 40.6276, -11.0423



230.7790, 11.9410, -3.3142



219.2530, 12.6933, -58.1039



112.9380, 7.4256, -1.6996



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.



165.5910, 40.6276, -11.0423



153.0990, 50.2372, -13.2418



176.9860, 35.0099, 17.5523



114.0690, 5.3890, -1.8145



25.0680, 80.8185, -21.9846



8.1280, 26.0659, -7.1283

Inverse Universe

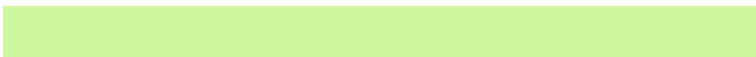
The Inverse Universe completely reimagines the original color for something new.



181.7470, -12.6933, 58.1039



173.3250, -15.9362, 71.6290



224.0140, -35.0099, -17.5523



116.0010, -1.4795, 7.8921



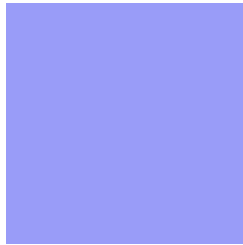
57.1950, -25.2391, 115.5930



18.4670, -8.1182, 37.3014

Previews

White Background



This preview shows how the YUV color 165.5910, 40.6276, -11.0423 looks on a white background.

Color Contrast Check

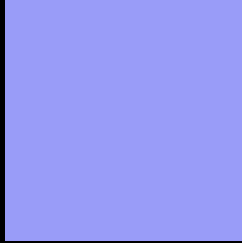
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 165.5910, 40.6276, -11.0423 looks on a black 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

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

YUV 165.5910, 40.6276, -11.0423

Background



This preview shows how black text looks on a background with the YUV color 165.5910, 40.6276, -11.0423.



This preview shows how white text looks on a background with the YUV color 165.5910, 40.6276, -11.0423.

-11.0423.

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

165.5910, 40.6276, -11.0423

Protanopia

162.4040, 44.1708, -27.5413

Deuteranopia

161.3990, 41.7083, -31.0449



Tritanopia

161.3270, 10.6848, -20.4578

Trichromacy



Original Color

165.5910, 40.6276, -11.0423

Protanomaly

163.5080, 43.1336, -21.4935

Deuteranomaly

162.7420, 41.5392, -23.4527

Tritanomaly

162.6230, 21.8779, -17.2094

Monochromacy



Original Color

165.5910, 40.6276, -11.0423

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.5770, 14.9985, -4.0140

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.5910, 40.6276, -11.0423 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(153, 156, 248)` looks like.

```
.text, #text, p{  
    color:rgb(153, 156, 248)  
}
```

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(153, 156, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 156, 248) }
```

Border

The CSS property to change the border of an element to YUV 165.5910, 40.6276, -11.0423 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(153, 156, 248) }
```


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

```
.border{ border-color:rgb(153, 156, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 156, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 156, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 156, 248);  
box-shadow:4px 4px 4px 4px rgb(153, 156,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 165.5910, 40.6276, -11.0423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 156, 248) }
```

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

```
.background{ background-color: rgb(153,  
156, 248) }
```

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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