

Converting Colors

YUV(100.6760, 61.7847,
-30.4109)

Have a look what the booklet for
YUV(100.6760, 61.7847, -30.4109)
contains.

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Color

**YUV(100.6760, 61.7847,
-30.4109)**

Conversions

Conversions Part 1

Format	Color
Hex	425EE2
RGB	66, 94, 226
RGB Percent	26%, 37%, 89%
CMY	0.7412, 0.6314, 0.1137
CMYK	0.71, 0.58, 0.00, 0.11
HSL	230°, 73%, 57%
HSV	230°, 71%, 89%
XYZ	19.9769, 14.6546, 73.7272
YIQ	100.6760, -59.0600, 35.1160

Conversions

Conversions Part 2

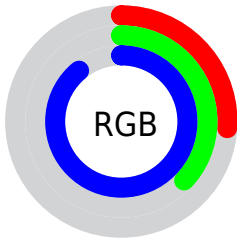
Format	Color
R _{YB}	66, 90, 226
Decimal	4349666
CIE Lab	45.16, 33.67, -70.18
CIE LCh	45, 77.840, 295.630
Yxy	14.6546, 0.1844, 0.1352
Android (android.graphics.Color)	4282539746 (0xFF425EE2)
YUV	100.6760, 61.7847, -30.4109
Hunter-Lab	38.2814, 26.1569, -87.3914

Details

The YUV color **100.6760, 61.7847, -30.4109** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **191.3240, -61.7847, 30.4109**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.3650, 50.1061, -17.8601**, and **48.1430, 60.0755, -42.2214** is the 20% darker color. If you saturate the color by 10%, you get **82.6460, 70.6735, -34.7695**, and if you desaturate by 10%, it is **118.7060, 52.8959, -26.0522**.

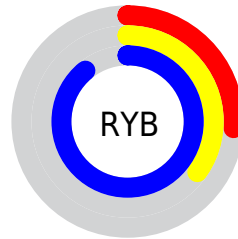
Distribution



Red (26%)

Green (37%)

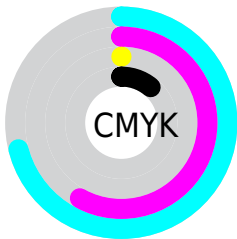
Blue (89%)



Red (26%)

Yellow (35%)

Blue (89%)

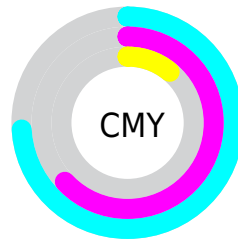


Cyan (71%)

Magenta (58%)

Yellow (0%)

Black (11%)



Cyan (74%)

Magenta (63%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.6760, 61.7847, -30.4109 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 100.6760, 61.7847, -30.4109 by changing the saturation by 10% instead.

■ 100.6760, 61.7847,
-30.4109

■ 100.6760, 61.7847,
-30.4109

255.0000, 0.0000,
0.0000

■ 67.1250, 64.0284,
-50.0986

■ 153.3650, 50.1061,
-17.8601

■ 48.1430, 60.0755,
-42.2214

■ 178.4830, 37.7229,
-12.7016

■ 33.2110, 53.6330,
-29.1260

■ 203.3020, 25.4871,
-8.1579

■ 19.6810, 47.4853,
-17.2602

■ 229.0070, 12.8145,
-3.5141

■ 12.0210, 38.4436,
-10.5424

254.4130, 0.2894,
0.5148

■ 11.6330, 26.8029,
-10.2021

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 100.6760, 61.7847,
-30.4109

■ 100.6760, 61.7847,
-30.4109

■ 82.6460, 70.6735,
-34.7695

■ 118.7060, 52.8959,
-26.0522

■ 65.5020, 79.1255,
-39.0283

■ 135.8500, 44.4440,
-21.7934

■ 49.2440, 87.1407,
-43.1870

■ 153.8800, 35.5552,
-17.4348

■ 171.6110, 26.8138,
-13.6908

■ 189.0540, 18.2144,
-8.8174

■ 207.0840, 9.3256,
-4.4587

■ 224.8150, 0.5842,
-0.7148

■ 242.2580, -8.0152,
4.1587

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



97.0990, 69.9572, -85.1558



100.6760, 61.7847, -30.4109



102.8850, 38.5107, 61.4909

Triad

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



100.6760, 61.7847, -30.4109



96.4050, -47.5277, 77.6978



88.9010, 3.0068, -77.9662

Complementary

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



100.6760, 61.7847, -30.4109



191.3240, -61.7847, 30.4109

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.



78.0030, -28.5955, -68.4086



100.6760, 61.7847, -30.4109



100.8480, -49.7181, 33.4593

Square

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



100.6760, 61.7847, -30.4109



75.9410, -9.8309, 120.2007



92.5770, -45.6405, -14.5380



97.1260, 31.9829, -85.1795

Rectangle

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



100.6760, 61.7847, -30.4109



77.0700, 31.5175, 111.3176



92.5770, -45.6405, -14.5380



85.6920, -6.7502, -75.1519

Sweetspot

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



100.6760, 61.7847, -30.4109



213.0260, 20.6932, -10.5468



174.8540, 10.9180, -95.4650



102.5830, 12.5306, -5.7733



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.



100.6760, 61.7847, -30.4109



85.0440, 83.7883, -41.2576



99.4890, 62.3699, 15.3571



103.4280, 4.2260, -2.1294



38.2610, 67.9053, -33.5549



10.1680, 18.6512, -8.9173

Inverse Universe

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



117.0320, -11.3548, 95.5649



107.2150, -15.3890, 129.6074



192.5110, -62.3699, -15.3571



104.5170, -0.7479, 6.5626



56.1580, -12.4029, 105.1014



15.2640, -3.5812, 28.7095

Previews

White Background



This preview shows how the YUV color 100.6760, 61.7847, -30.4109 looks on a white background.

Color Contrast Check

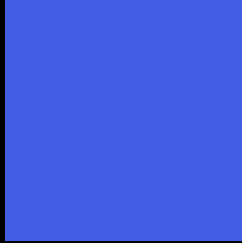
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.6760, 61.7847, -30.4109 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 100.6760, 61.7847, -30.4109

Background



This preview shows how black text looks on a background with the YUV color 100.6760, 61.7847, -30.4109.



This preview shows how white text looks on a background with the YUV color 100.6760, 61.7847, -30.4109.

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

100.6760, 61.7847, -30.4109

Protanopia

84.6120, 65.2673, -74.2047

Deuteranopia

85.3010, 50.1376, -74.8090



Tritanopia

83.6300, 20.8884, -73.3435

Trichromacy



Original Color

100.6760, 61.7847, -30.4109

Protanomaly

90.3690, 63.9081, -58.2056

Deuteranomaly

91.1380, 54.1620, -58.8800

Tritanomaly

89.6270, 35.6799, -57.5549

Monochromacy



Original Color

100.6760, 61.7847, -30.4109

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.4820, 22.4404, -10.9467

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.6760, 61.7847, -30.4109 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(66, 94, 226)` looks like.

```
.text, #text, p{  
    color:rgb(66, 94, 226)  
}
```

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(66, 94, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 94, 226) }
```

Border

The CSS property to change the border of an element to YUV 100.6760, 61.7847, -30.4109 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(66, 94, 226) }
```


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

```
.border{ border-color:rgb(66, 94, 226) }
```

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

Here you see how a box with a 4 pixel rgb(66, 94, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 94, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 94, 226);  
box-shadow:4px 4px 4px 4px rgb(66, 94,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 100.6760, 61.7847, -30.4109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 94, 226) }
```

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

```
.background{ background-color: rgb(66, 94,  
226) }
```

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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