

Converting Colors

YUV(101.2760, 58.5309,
-13.3971)

Have a look what the booklet for
YUV(101.2760, 58.5309, -13.3971)
contains.

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Color

**YUV(101.2760, 58.5309,
-13.3971)**

Conversions

Conversions Part 1

Format	Color
Hex	5656DC
RGB	86, 86, 220
RGB Percent	34%, 34%, 86%
CMY	0.6627, 0.6627, 0.1373
CMYK	0.61, 0.61, 0.00, 0.14
HSL	240°, 66%, 60%
HSV	240°, 61%, 86%
XYZ	20.0838, 13.8013, 69.3155
YIQ	101.2760, -43.0140, 41.6740

Conversions

Conversions Part 2

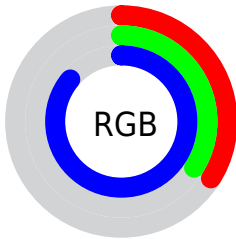
Format	Color
R_{YB}	86, 86, 220
Decimal	5658332
CIE _{Lab}	43.95, 39.42, -68.69
CIE _{LCh}	44, 79.200, 299.849
Yxy	13.8013, 0.1946, 0.1337
Android (android.graphics.Color)	4283848412 (0xFF5656DC)
YUV	101.2760, 58.5309, -13.3971
Hunter-Lab	37.1501, 31.4865, -84.6195

Details

The YUV color **101.2760, 58.5309, -13.3971** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **204.7240, -58.5309, 13.3971**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.1540, 50.2101, -4.5201**, and **42.1760, 60.0592, -36.9884** is the 20% darker color. If you saturate the color by 10%, you get **81.7840, 68.1405, -15.5966**, and if you desaturate by 10%, it is **120.7680, 48.9214, -11.1975**.

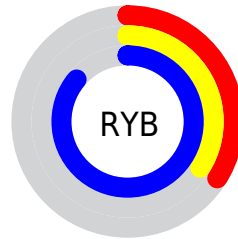
Distribution



Red (34%)

Green (34%)

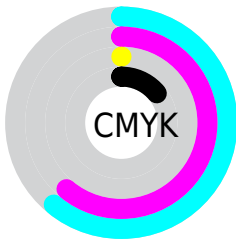
Blue (86%)



Red (34%)

Yellow (34%)

Blue (86%)

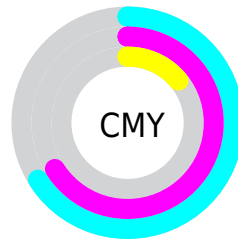


Cyan (61%)

Magenta (61%)

Yellow (0%)

Black (14%)



Cyan (66%)

Magenta (66%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.2760, 58.5309, -13.3971 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 101.2760, 58.5309, -13.3971 by changing the saturation by 10% instead.

■ 101.2760, 58.5309,
-13.3971

■ 101.2760, 58.5309,
-13.3971

255.0000, 0.0000,
0.0000

■ 74.1180, 58.1158,
-20.2745

■ 153.1540, 50.2101,
-4.5201

■ 42.1760, 60.0592,
-36.9884

■ 177.3860, 38.2637,
0.5385

■ 27.3580, 54.0535,
-23.9930

■ 202.7920, 25.7385,
4.5674

■ 12.6540, 48.4846,
-11.0976

■ 228.1980, 13.2134,
8.5964

■ 10.2770, 36.8384,
-9.0129

■ 249.7170, 2.6045,
4.6332

■ 10.4760, 24.9083,
-9.1875

■ 6.0930, 15.7302,

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 101.2760, 58.5309,
-13.3971

■ 101.2760, 58.5309,
-13.3971

■ 81.7840, 68.1405,
-15.5966

■ 120.7680, 48.9214,
-11.1975

■ 62.2920, 77.7500,
-17.7961

■ 140.2600, 39.3118,
-8.9980

■ 42.8000, 87.3596,
-19.9956

■ 159.7520, 29.7023,
-6.7985

■ 25.0800, 96.0956,
-21.9952

■ 179.2440, 20.0927,
-4.5990

■ 198.7360, 10.4832,
-2.3995

■ 218.2280, 0.8736,
-0.2000

■ 237.7200, -8.7360,
1.9996

■ 251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



93.4630, 71.2567, -81.9671



101.2760, 58.5309, -13.3971



94.7340, 37.5991, 73.9013

Triad

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



101.2760, 58.5309, -13.3971



94.6000, -46.6378, 72.2648



87.9380, 6.9326, -77.1216

Complementary

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



101.2760, 58.5309, -13.3971



204.7240, -58.5309, 13.3971

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.



77.1540, -24.2329, -67.6641



101.2760, 58.5309, -13.3971



97.2600, -47.9492, 26.0820

Square

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



101.2760, 58.5309, -13.3971



71.7900, -14.1935, 119.4562



86.9070, -42.8452, -24.4744



95.4620, 35.7612, -83.7202

Rectangle

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



101.2760, 58.5309, -13.3971



76.3000, 25.9811, 113.7469



86.9070, -42.8452, -24.4744



84.6150, -3.2612, -74.2074

Sweetspot

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



101.2760, 58.5309, -13.3971



214.2440, 20.0927, -4.5990



179.9340, 19.7525, -82.3801



102.3060, 12.6671, -2.8994



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.



101.2760, 58.5309, -13.3971



90.2040, 81.2444, -18.5959



121.3090, 48.6547, 27.7930



100.2540, 4.8048, -1.0998



19.7220, 75.5661, -17.2962



5.2440, 20.0927, -4.5990

Inverse Universe

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



141.3420, 38.7784, 68.9831



145.8180, 53.8267, 95.7526



184.6910, -48.6547, -27.7930



103.5430, 3.1833, 5.6628



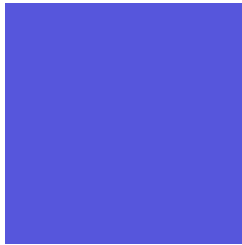
71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 101.2760, 58.5309, -13.3971 looks on a white background.

Color Contrast Check

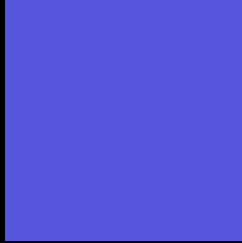
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.2760, 58.5309, -13.3971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

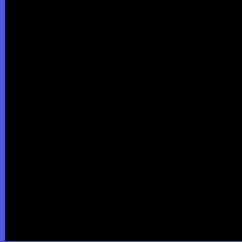
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.2760, 58.5309, -13.3971

Background



This preview shows how black text looks on a background with the YUV color 101.2760, 58.5309, -13.3971.



This preview shows how white text looks on a background with the YUV color 101.2760, 58.5309, -13.3971.

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

101.2760, 58.5309, -13.3971

Deuteranopia

82.9700, 48.8218, -72.7647

Tritanopia

91.7150, 15.4235, -47.1081

Trichromacy



Original Color

101.2760, 58.5309, -13.3971

Deuteranomaly

89.7260, 52.3931, -51.5027

Tritanomaly

94.9180, 31.0994, -35.0081

Monochromacy



Original Color

101.2760, 58.5309, -13.3971

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.4720, 20.9663, -4.7989

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.2760, 58.5309, -13.3971 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(86, 86, 220)` looks like.

```
.text, #text, p{  
    color:rgb(86, 86, 220)  
}
```

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(86, 86, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 86, 220) }
```

Border

The CSS property to change the border of an element to YUV 101.2760, 58.5309, -13.3971 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(86, 86, 220) }
```

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

```
.border{ border-color:rgb(86, 86, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 86, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 86, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 86, 220);  
box-shadow:4px 4px 4px 4px rgb(86, 86,  
220) }
```


Background

The CSS property to change the background color of an element to YUV 101.2760, 58.5309, -13.3971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 86, 220) }
```

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

```
.background{ background-color: rgb(86, 86,  
220) }
```

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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