

Converting Colors

YUV(91.7670, 63.7119,
-41.8917)

Have a look what the booklet for
YUV(91.7670, 63.7119, -41.8917)
contains.

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Color

**YUV(91.7670, 63.7119,
-41.8917)**

Conversions

Conversions Part 1

Format	Color
Hex	2C5BDD
RGB	44, 91, 221
RGB Percent	17%, 36%, 87%
CMY	0.8275, 0.6431, 0.1333
CMYK	0.80, 0.59, 0.00, 0.13
HSL	224°, 72%, 52%
HSV	224°, 80%, 87%
XYZ	17.8309, 13.2381, 70.0220
YIQ	91.7670, -69.7420, 30.4660

Conversions

Conversions Part 2

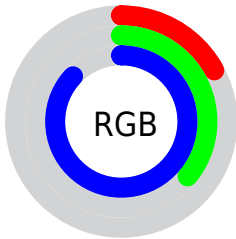
Format	Color
R_{YB}	44, 81, 221
Decimal	2907101
CIE Lab	43.12, 31.40, -70.70
CIE LCh	43, 77.362, 293.949
Yxy	13.2381, 0.1764, 0.1310
Android (android.graphics.Color)	4281097181 (0xFF2C5BDD)
YUV	91.7670, 63.7119, -41.8917
Hunter-Lab	36.3842, 23.8058, -88.6357

Details

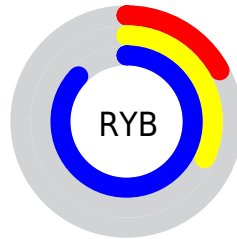
The YUV color **91.7670, 63.7119, -41.8917** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **173.2330, -63.7119, 41.8917**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1190, 53.1853, -25.5374**, and **46.3990, 58.4703, -40.6919** is the 20% darker color. If you saturate the color by 10%, you get **75.7970, 71.5851, -47.1800**, and if you desaturate by 10%, it is **107.7370, 55.8387, -36.6033**.

Distribution



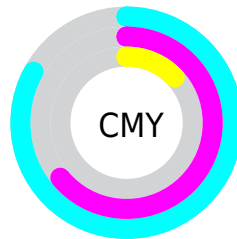
- Red (17%)
- Green (36%)
- Blue (87%)



- Red (17%)
- Yellow (32%)
- Blue (87%)



- Cyan (80%)
- Magenta (59%)
- Yellow (0%)
- Black (13%)



- Cyan (83%)
- Magenta (64%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.7670, 63.7119, -41.8917 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 91.7670, 63.7119, -41.8917 by changing the saturation by 10% instead.

■ 91.7670, 63.7119,
-41.8917

■ 91.7670, 63.7119,
-41.8917

■ 255.0000, 0.0000,
0.0000

■ 61.9180, 64.6234,
-54.3021

■ 147.1190, 53.1853,
-25.5374

■ 46.3990, 58.4703,
-40.6919

■ 171.9490, 40.9441,
-19.2493

■ 31.5810, 52.4646,
-27.6965

■ 197.0670, 28.5610,
-14.0908

■ 16.1760, 46.7482,
-14.1864

■ 222.7720, 15.8884,
-9.4470

■ 16.2610, 34.3813,
-14.2609

■ 248.4770, 3.2158,
-4.8033

■ 10.5900, 25.3451,
-9.2874

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 91.7670, 63.7119,
-41.8917

■ 91.7670, 63.7119,
-41.8917

■ 75.7970, 71.5851,
-47.1800

■ 107.7370, 55.8387,
-36.6033

■ 59.8270, 79.4583,
-52.4683

■ 123.7070, 47.9654,
-31.3150

■ 140.2640, 39.8028,
-26.5415

■ 156.2340, 31.9296,
-21.2532

■ 172.5030, 23.9090,
-15.3501

■ 188.4730, 16.0358,
-10.0618

■ 205.0300, 7.8732,
-5.2883

■ 221.0000, 0.0000,
0.0000

■ 236.9700, -7.8732,
5.2883

Harmonies

Analogous

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



93.8390, 67.6204, -82.2968



91.7670, 63.7119, -41.8917



97.7920, 39.5425, 57.1874

Triad

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



91.7670, 63.7119, -41.8917



91.1000, -44.9123, 78.8423



84.3530, 0.8120, -73.9776

Complementary

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



91.7670, 63.7119, -41.8917



173.2330, -63.7119, 41.8917

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.



72.8850, -32.9743, -63.9201



91.7670, 63.7119, -41.8917



96.4290, -47.5395, 34.7038

Square

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



91.7670, 63.7119, -41.8917



68.1630, -6.4894, 121.7600



88.7560, -43.7567, -12.0640



92.5780, 29.7880, -81.1909

Rectangle

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



91.7670, 63.7119, -41.8917



74.1510, 31.9706, 105.9846



88.7560, -43.7567, -12.0640



81.2580, -8.5082, -71.2633

Sweetspot

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



91.7670, 63.7119, -41.8917



210.3460, 22.0144, -14.3354



162.7190, 5.5615, -104.1166



100.5010, 13.5570, -8.3324



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.



91.7670, 63.7119, -41.8917



76.0850, 88.2051, -57.9565



76.4370, 71.2696, 7.5098



102.0150, 3.9366, -2.6442



46.7240, 62.2541, -40.9769



12.2880, 16.6200, -10.7766

Inverse Universe

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



102.2810, -5.5615, 104.1166



90.6650, -7.7228, 144.1218



188.5630, -71.2696, -7.5098



102.6310, -0.3111, 6.4626



56.9710, -5.4087, 101.7574



15.1220, -1.5391, 27.0800

Previews

White Background



This preview shows how the YUV color 91.7670, 63.7119, -41.8917 looks on a white background.

Color Contrast Check

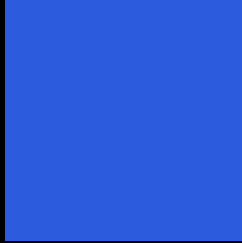
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.7670, 63.7119, -41.8917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

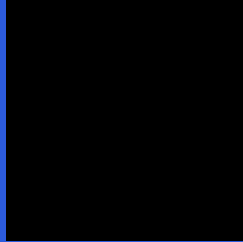
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.7670, 63.7119, -41.8917

Background



This preview shows how black text looks on a background with the YUV color 91.7670, 63.7119, -41.8917.



This preview shows how white text looks on a background with the YUV color 91.7670, 63.7119, -41.8917.

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

91.7670, 63.7119, -41.8917

Protanopia

80.5370, 62.3463, -70.6309

Deuteranopia

81.3400, 47.6534, -71.3352



Tritanopia

79.4240, 20.0040, -69.6548

Trichromacy



Original Color

91.7670, 63.7119, -41.8917

Protanomaly

84.7170, 62.7505, -60.2648

Deuteranomaly

85.0130, 53.7306, -60.5244

Tritanomaly

83.7300, 36.1221, -59.3992

Monochromacy



Original Color

91.7670, 63.7119, -41.8917

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.2750, 23.0354, -15.1502

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.7670, 63.7119, -41.8917 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(44, 91, 221)` looks like.

```
.text, #text, p{  
    color:rgb(44, 91, 221)  
}
```

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(44, 91, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 91, 221) }
```

Border

The CSS property to change the border of an element to YUV 91.7670, 63.7119, -41.8917 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(44, 91, 221) }
```


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

```
.border{ border-color:rgb(44, 91, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 91, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 91, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 91, 221);  
box-shadow:4px 4px 4px 4px rgb(44, 91,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 91.7670, 63.7119, -41.8917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 91, 221) }
```

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

```
.background{ background-color: rgb(44, 91,  
221) }
```

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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