

Converting Colors

YUV(91.0140, 42.3911,
-16.6753)

Have a look what the booklet for
YUV(91.0140, 42.3911, -16.6753)
contains.

YUV(91.0140, 42.3911, -16.6753)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(91.0140, 42.3911,
-16.6753)**

Conversions

Conversions Part 1

Format	Color
Hex	4854B1
RGB	72, 84, 177
RGB Percent	28%, 33%, 69%
CMY	0.7176, 0.6706, 0.3059
CMYK	0.59, 0.53, 0.00, 0.31
HSL	233°, 42%, 49%
HSV	233°, 59%, 69%
XYZ	13.7786, 10.8927, 42.9713
YIQ	91.0140, -37.0050, 26.3790

Conversions

Conversions Part 2

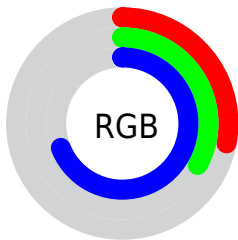
Format	Color
R_{YB}	72, 83, 177
Decimal	4740273
CIE Lab	39.40, 23.87, -51.19
CIE LCh	39, 56.478, 295.001
Yxy	10.8927, 0.2037, 0.1610
Android (android.graphics.Color)	4282930353 (0xFF4854B1)
YUV	91.0140, 42.3911, -16.6753
Hunter-Lab	33.0041, 16.7635, -54.0926

Details

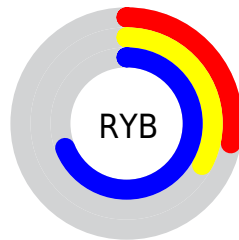
The YUV color **91.0140, 42.3911, -16.6753** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **157.9860, -42.3911, 16.6753**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.2040, 44.2694, -12.4569**, and **37.6160, 42.5873, -32.9892** is the 20% darker color. If you saturate the color by 10%, you get **76.2400, 49.6747, -19.5045**, and if you desaturate by 10%, it is **105.7880, 35.1075, -13.8461**.

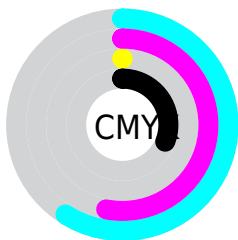
Distribution



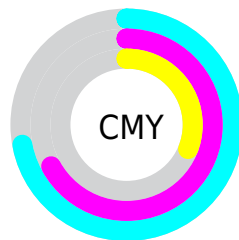
- Red (28%)
- Green (33%)
- Blue (69%)



- Red (28%)
- Yellow (33%)
- Blue (69%)



- Cyan (59%)
- Magenta (53%)
- Yellow (0%)
- Black (31%)



- Cyan (72%)
- Magenta (67%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.0140, 42.3911, -16.6753 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 91.0140, 42.3911, -16.6753 by changing the saturation by 10% instead.

■ 91.0140, 42.3911,
-16.6753

■ 91.0140, 42.3911,
-16.6753

■ 255.0000, 0.0000,
0.0000

■ 64.8670, 41.9706,
-21.8084

■ 143.2040, 44.2694,
-12.4569

■ 37.6160, 42.5873,
-32.9892

■ 169.6450, 42.0800,
-10.2127

■ 22.9120, 37.0184,
-20.0938

■ 193.8660, 30.1391,
-6.8985

■ 8.4360, 32.3231,
-7.3984

■ 219.2720, 17.6139,
-2.8695

■ 8.0480, 20.6823,
-7.0581

■ 244.3790, 5.2362,
0.5446

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,

0.0000

■ 91.0140, 42.3911,
-16.6753

■ 91.0140, 42.3911,
-16.6753

■ 76.2400, 49.6747,
-19.5045

■ 105.7880, 35.1075,
-13.8461

■ 62.3520, 56.5215,
-22.2337

■ 119.6760, 28.2607,
-11.1169

■ 47.5780, 63.8050,
-25.0629

■ 134.4500, 20.9772,
-8.2876

■ 32.8040, 71.0886,
-27.8921

■ 149.2240, 13.6936,
-5.4584

■ 31.9180, 71.5254,
-27.9921

■ 163.4110, 6.6994,
-2.1144

■ 177.8860, -0.4368,
0.1000

■ 192.6600, -7.7204,
2.9292

■ 206.8470,
-14.7146, 6.2732

■ 221.3220,
-21.8507, 8.4876

Harmonies

Analogous

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



80.3770, 51.5791, -70.4906



91.0140, 42.3911, -16.6753



93.7240, 25.7721, 40.5841

Triad

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



91.0140, 42.3911, -16.6753



86.6180, -37.2797, 57.3400



75.7930, 3.5531, -66.4705

Complementary

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



91.0140, 42.3911, -16.6753



157.9860, -42.3911, 16.6753

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.



67.9730, -16.2557, -59.6123



91.0140, 42.3911, -16.6753



87.2370, -43.0078, 27.8562

Square

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



91.0140, 42.3911, -16.6753



84.0420, -13.3317, 76.2622



82.2990, -40.5734, -6.4012



81.2650, 24.5194, -71.2694

Rectangle

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



91.0140, 42.3911, -16.6753



88.6040, 14.4922, 65.2453



82.2990, -40.5734, -6.4012



73.3820, -3.1463, -64.3560

Sweetspot

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



91.0140, 42.3911, -16.6753



195.7230, 16.8986, -6.7731



144.2370, 10.2362, -63.3518



94.0240, 10.3412, -3.5290



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.0140, 42.3911, -16.6753



96.1480, 65.9890, -25.5628



95.9300, 39.9675, 14.0934



81.6130, 3.6418, -1.4146



27.4210, 61.9104, -24.0482



4.7250, 10.4886, -4.1438

Inverse Universe

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



104.7630, -10.2362, 63.3518



117.7890, -16.1650, 98.4090



153.0700, -39.9675, -14.0934



82.8050, -0.8899, 5.4330



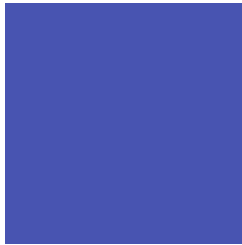
47.6850, -15.1277, 92.3613



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 91.0140, 42.3911, -16.6753 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 91.0140, 42.3911, -16.6753 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 91.0140, 42.3911, -16.6753

Background



This preview shows how black text looks on a background with the YUV color 91.0140, 42.3911, -16.6753.



This preview shows how white text looks on a background with the YUV color 91.0140, 42.3911, -16.6753.

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

91.0140, 42.3911, -16.6753

Protanopia

82.9720, 49.3138, -43.8254

Deuteranopia

74.1020, 45.3057, -64.9875



Tritanopia

84.2710, 12.1914, -37.0717

Trichromacy



Original Color

91.0140, 42.3911, -16.6753

Protanomaly

85.7560, 46.9553, -33.9890

Deuteranomaly

79.9840, 44.3779, -47.3440

Tritanomaly

86.8880, 23.2262, -29.7198

Monochromacy



Original Color

91.0140, 42.3911, -16.6753

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.6800, 15.4408, -5.8584

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.0140, 42.3911, -16.6753 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(72, 84, 177)` looks like.

```
.text, #text, p{  
    color:rgb(72, 84, 177)  
}
```

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(72, 84, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 84, 177) }
```

Border

The CSS property to change the border of an element to YUV 91.0140, 42.3911, -16.6753 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(72, 84, 177) }
```


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

```
.border{ border-color:rgb(72, 84, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 84, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 84, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 84, 177);  
box-shadow:4px 4px 4px 4px rgb(72, 84,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 91.0140, 42.3911, -16.6753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 84, 177) }
```

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

```
.background{ background-color: rgb(72, 84,  
177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor