

Converting Colors

YUV(88.1420, 51.6950,
-14.1565)

Have a look what the booklet for
YUV(88.1420, 51.6950, -14.1565)
contains.

YUV(88.1420, 51.6950, -14.1565)	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(88.1420, 51.6950,
-14.1565)**

Conversions

Conversions Part 1

Format	Color
Hex	484CC1
RGB	72, 76, 193
RGB Percent	28%, 30%, 76%
CMY	0.7176, 0.7020, 0.2431
CMYK	0.63, 0.61, 0.00, 0.24
HSL	238°, 49%, 52%
HSV	238°, 63%, 76%
XYZ	14.8826, 10.3969, 51.6745
YIQ	88.1420, -39.9410, 35.5390

Conversions

Conversions Part 2

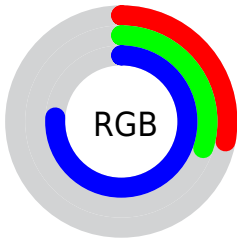
Format	Color
R_{YB}	72, 76, 193
Decimal	4738241
CIE _{Lab}	38.55, 34.38, -61.96
CIE _{LCh}	39, 70.861, 299.028
Yxy	10.3969, 0.1934, 0.1351
Android (android.graphics.Color)	4282928321 (0xFF484CC1)
YUV	88.1420, 51.6950, -14.1565
Hunter-Lab	32.2442, 25.9609, -72.4472

Details

The YUV color **88.1420, 51.6950, -14.1565** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **176.8580, -51.6950, 14.1565**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.3430, 53.5679, -8.1938**, and **34.5160, 51.0176, -30.2705** is the 20% darker color. If you saturate the color by 10%, you get **71.3080, 59.9942, -16.0561**, and if you desaturate by 10%, it is **104.9760, 43.3958, -12.2570**.

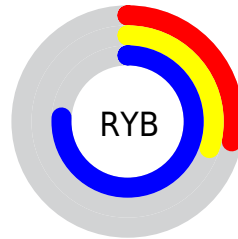
Distribution



Red (28%)

Green (30%)

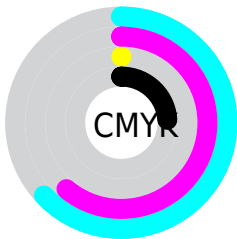
Blue (76%)



Red (28%)

Yellow (30%)

Blue (76%)

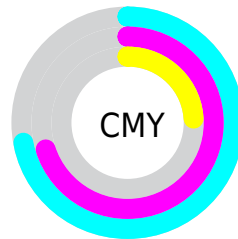


Cyan (63%)

Magenta (61%)

Yellow (0%)

Black (24%)



Cyan (72%)

Magenta (70%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.1420, 51.6950, -14.1565 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 88.1420, 51.6950, -14.1565 by changing the saturation by 10% instead.

■ 88.1420, 51.6950,
-14.1565

■ 88.1420, 51.6950,
-14.1565

■ 255.0000, 0.0000,
0.0000

■ 60.6850, 51.4273,
-21.6487

■ 141.3430, 53.5679,
-8.1938

■ 34.5160, 51.0176,
-30.2705

■ 166.1450, 43.8055,
-3.6352

■ 20.3990, 45.1593,
-17.8899

■ 190.6650, 31.7172,
0.2938

■ 9.9180, 38.0014,
-8.6981

■ 215.4840, 19.4814,
4.8375

■ 10.5900, 25.3451,
-9.2874

■ 241.4770, 6.6668,
8.3517

■ 6.3210, 16.6037,
-5.5435

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 88.1420, 51.6950,
-14.1565

■ 88.1420, 51.6950,
-14.1565

■ 71.3080, 59.9942,
-16.0561

■ 104.9760, 43.3958,
-12.2570

■ 54.7620, 68.1513,
-19.0853

■ 121.5220, 35.2387,
-9.2278

■ 37.9280, 76.4505,
-20.9849

■ 138.3560, 26.9395,
-7.3282

■ 25.5240, 82.5657,
-22.3845

■ 155.1900, 18.6403,
-5.4286

■ 171.7360, 10.4832,
-2.3995

■ 188.5700, 2.1840,
-0.4999

■ 205.4040, -6.1152,
1.3997

■ 221.6510,
-14.1249, 3.8141

■ 238.7840,
-22.5715, 6.3284

Harmonies

Analogous

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



81.8250, 62.2043, -71.7605



88.1420, 51.6950, -14.1565



84.1040, 32.9797, 62.1758

Triad

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



88.1420, 51.6950, -14.1565



83.0380, -40.9377, 63.9877



76.8360, 5.0109, -67.3852

Complementary

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



88.1420, 51.6950, -14.1565



176.8580, -51.6950, 14.1565

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.



67.1920, -21.7867, -58.9274



88.1420, 51.6950, -14.1565



85.4430, -42.1234, 24.1675

Square

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



88.1420, 51.6950, -14.1565



65.0330, -12.8343, 103.4571



76.9060, -37.9147, -19.2116



83.5620, 30.7819, -73.2839

Rectangle

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



88.1420, 51.6950, -14.1565



66.5170, 23.4091, 98.6476



76.9060, -37.9147, -19.2116



73.9690, -3.4357, -64.8708

Sweetspot

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



88.1420, 51.6950, -14.1565



208.6460, 20.3875, -5.8285



156.3650, 16.0891, -73.9881



99.8930, 12.3778, -3.4142



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



88.1420, 51.6950, -14.1565



87.5410, 80.0923, -22.3995



102.5380, 44.5978, 22.3302



88.7270, 4.0786, -1.5146



21.2890, 68.8775, -18.6705



4.3490, 14.1249, -3.8141

Inverse Universe

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



108.6350, -16.0891, 73.9881



119.0100, -24.6549, 114.8782



162.4620, -44.5978, -22.3302



90.1040, -1.0373, 6.0478



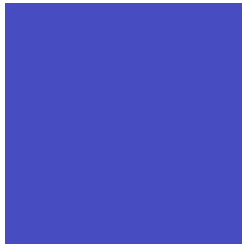
48.7090, -21.5485, 98.4792



9.9810, -4.4276, 20.1877

Previews

White Background



This preview shows how the YUV color 88.1420, 51.6950, -14.1565 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 88.1420, 51.6950, -14.1565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

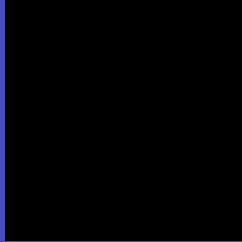
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.1420, 51.6950, -14.1565

Background



This preview shows how black text looks on a background with the YUV color 88.1420, 51.6950, -14.1565.



This preview shows how white text looks on a background with the YUV color 88.1420, 51.6950,

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

88.1420, 51.6950, -14.1565

Protanopia

72.1590, 55.6306, -63.2834

Deuteranopia

72.7170, 42.5375, -63.7728



Tritanopia

77.8890, 14.8447, -48.1377

Trichromacy



Original Color

88.1420, 51.6950, -14.1565

Protanomaly

77.9270, 54.2660, -45.5400

Deuteranomaly

78.3370, 45.6829, -45.8995

Tritanomaly

81.5220, 28.3367, -35.5378

Monochromacy



Original Color

88.1420, 51.6950, -14.1565

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1900, 18.6403, -5.4286

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.1420, 51.6950, -14.1565 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, 76, 193)` looks like.

```
.text, #text, p{  
    color:rgb(72, 76, 193)  
}
```

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, 76, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 76, 193) }
```

Border

The CSS property to change the border of an element to YUV 88.1420, 51.6950, -14.1565 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, 76, 193) }
```


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

```
.border{ border-color:rgb(72, 76, 193) }
```

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

Here you see how a box with a 4 pixel rgb(72, 76, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 76, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 76, 193);  
box-shadow:4px 4px 4px 4px rgb(72, 76,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 88.1420, 51.6950, -14.1565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 76, 193) }
```

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

```
.background{ background-color: rgb(72, 76,  
193) }
```

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