

Converting Colors

YUV(96.9840, 34.5179,
-11.3870)

Have a look what the booklet for
YUV(96.9840, 34.5179, -11.3870)
contains.

YUV(96.9840, 34.5179, -11.3870)	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(96.9840, 34.5179,
-11.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	545AA7
RGB	84, 90, 167
RGB Percent	33%, 35%, 65%
CMY	0.6706, 0.6471, 0.3451
CMYK	0.50, 0.46, 0.00, 0.35
HSL	236°, 33%, 49%
HSV	236°, 50%, 65%
XYZ	14.2874, 11.9872, 38.1199
YIQ	96.9840, -28.2930, 22.6750

Conversions

Conversions Part 2

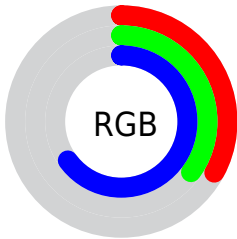
Format	Color
R _Y B	84, 90, 167
Decimal	5528231
CIE Lab	41.20, 19.32, -42.35
CIE LCh	41, 46.545, 294.524
Yxy	11.9872, 0.2219, 0.1862
Android (android.graphics.Color)	4283718311 (0xFF545AA7)
YUV	96.9840, 34.5179, -11.3870
Hunter-Lab	34.6225, 13.0707, -41.0435

Details

The YUV color **96.9840, 34.5179, -11.3870** is a dark color, and the websafe version is hex **6666CC**, and the color name is **liberty**. A complement of this color would be **154.0160, -34.5179, 11.3870**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8640, 36.5490, -9.5277**, and **47.1850, 32.9398, -18.5792** is the 20% darker color. If you saturate the color by 10%, you get **83.0960, 41.3647, -14.1162**, and if you desaturate by 10%, it is **110.8720, 27.6711, -8.6577**.

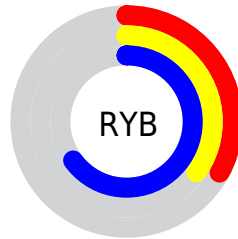
Distribution



Red (33%)

Green (35%)

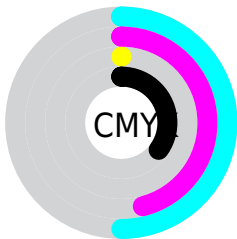
Blue (65%)



Red (33%)

Yellow (35%)

Blue (65%)

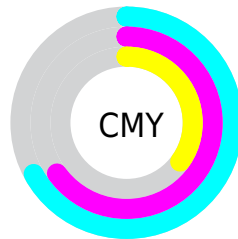


Cyan (50%)

Magenta (46%)

Yellow (0%)

Black (35%)



Cyan (67%)

Magenta (65%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.9840, 34.5179, -11.3870 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 96.9840, 34.5179, -11.3870 by changing the saturation by 10% instead.

■ 96.9840, 34.5179,
-11.3870

■ 96.9840, 34.5179,
-11.3870

■ 255.0000, 0.0000,
0.0000

■ 72.3320, 33.3603,
-13.4462

■ 148.8640, 36.5490,
-9.5277

■ 47.1850, 32.9398,
-18.5792

■ 175.6900, 37.1278,
-8.4981

■ 24.8210, 31.6402,
-21.7680

■ 200.3670, 26.9341,
-5.5839

■ 7.5240, 28.8287,
-6.5985

■ 225.4740, 14.5563,
-2.1697

■ 6.5490, 17.4773,
-5.7435

■ 251.4670, 1.7418,
1.3444

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 96.9840, 34.5179,
-11.3870

■ 96.9840, 34.5179,
-11.3870

■ 83.0960, 41.3647,
-14.1162

■ 110.8720, 27.6711,
-8.6577

■ 68.9200, 48.3534,
-15.7158

■ 125.0480, 20.6823,
-7.0581

■ 55.0320, 55.2002,
-18.4451

■ 138.9360, 13.8356,
-4.3289

■ 40.5570, 62.3364,
-20.6595

■ 153.4110, 6.6994,
-2.1144

■ 26.9680, 69.0358,
-22.7739

■ 167.0000, 0.0000,
0.0000

■ 26.0820, 69.4726,
-22.8739

■ 181.4750, -7.1362,
2.2144

■ 195.3630,
-13.9830, 4.9436

■ 209.8380,
-21.1191, 7.1581

■ 223.4270,
-27.8185, 9.2725

Harmonies

Analogous

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



80.7700, 45.4694, -70.8353



96.9840, 34.5179, -11.3870



100.0020, 20.7050, 32.4472

Triad

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



96.9840, 34.5179, -11.3870



94.6260, -29.3956, 48.5630



77.6510, 5.5951, -68.0999

Complementary

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



96.9840, 34.5179, -11.3870



154.0160, -34.5179, 11.3870

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.



80.4250, -14.9995, -42.4687



96.9840, 34.5179, -11.3870



92.0950, -40.9658, 26.2267

Square

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



96.9840, 34.5179, -11.3870



94.0680, -12.8515, 62.2074



88.8140, -34.9113, -2.4679



82.0970, 22.6302, -71.9991

Rectangle

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



96.9840, 34.5179, -11.3870



97.1910, 10.7518, 51.5755



88.8140, -34.9113, -2.4679



75.4680, -0.2307, -66.1854

Sweetspot

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



96.9840, 34.5179, -11.3870



189.5230, 13.5462, -4.8437



141.3850, 9.1772, -50.3266



92.8670, 8.4466, -2.5144



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



96.9840, 34.5179, -11.3870



107.1030, 54.1792, -17.6303



103.9270, 31.0950, 13.2190



76.9120, 3.4944, -0.7998



23.3290, 61.4628, -20.4595



2.8670, 8.4466, -2.5144

Inverse Universe

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



109.5010, -9.6140, 50.4266



126.8960, -15.2317, 79.0212



147.0730, -31.0950, -13.2190



78.3920, -1.1793, 4.9182



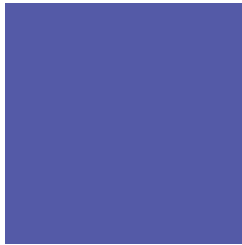
45.5060, -17.0115, 89.8872



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 96.9840, 34.5179, -11.3870 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 96.9840, 34.5179, -11.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

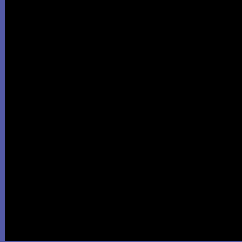
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.9840, 34.5179, -11.3870

Background



This preview shows how black text looks on a background with the YUV color 96.9840, 34.5179, -11.3870.



This preview shows how white text looks on a background with the YUV color 96.9840, 34.5179,

-11.3870.

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

96.9840, 34.5179, -11.3870

Protanopia

92.9110, 38.4979, -27.9859

Deuteranopia

90.3890, 36.7832, -38.0522



Tritanopia

93.1480, 8.8010, -22.9318

Trichromacy



Original Color

96.9840, 34.5179, -11.3870

Protanomaly

94.6020, 37.1712, -22.4530

Deuteranomaly

92.6290, 36.1719, -28.6156

Tritanomaly

94.2870, 18.0995, -18.6687

Monochromacy



Original Color

96.9840, 34.5179, -11.3870

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.5940, 12.5252, -4.0289

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9840, 34.5179, -11.3870 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(84, 90, 167)` looks like.

```
.text, #text, p{  
    color:rgb(84, 90, 167)  
}
```

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(84, 90, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 90, 167) }
```

Border

The CSS property to change the border of an element to YUV 96.9840, 34.5179, -11.3870 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(84, 90, 167) }
```


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

```
.border{ border-color:rgb(84, 90, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 90, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 90, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 90, 167);  
box-shadow:4px 4px 4px 4px rgb(84, 90,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 96.9840, 34.5179, -11.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 90, 167) }
```

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

```
.background{ background-color: rgb(84, 90,  
167) }
```

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