

Converting Colors

YUV(98.9840, 34.5179,
-11.3870)

Have a look what the booklet for
YUV(98.9840, 34.5179, -11.3870)
contains.

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Color

**YUV(98.9840, 34.5179,
-11.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	565CA9
RGB	86, 92, 169
RGB Percent	34%, 36%, 66%
CMY	0.6627, 0.6392, 0.3373
CMYK	0.49, 0.46, 0.00, 0.34
HSL	236°, 33%, 50%
HSV	236°, 49%, 66%
XYZ	14.8263, 12.4973, 39.1669
YIQ	98.9840, -28.2930, 22.6750

Conversions

Conversions Part 2

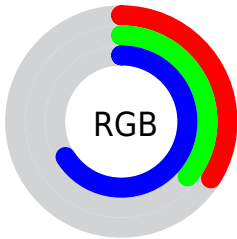
Format	Color
R_{YB}	86, 92, 169
Decimal	5659817
CIE _{Lab}	42.00, 19.17, -42.25
CIE _{LCh}	42, 46.393, 294.410
Yxy	12.4973, 0.2230, 0.1880
Android (android.graphics.Color)	4283849897 (0xFF565CA9)
YUV	98.9840, 34.5179, -11.3870
Hunter-Lab	35.3515, 12.9973, -40.9429

Details

The YUV color **98.9840, 34.5179, -11.3870** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **156.0160, -34.5179, 11.3870**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.8640, 36.5490, -9.5277**, and **49.4840, 32.7924, -17.9645** is the 20% darker color. If you saturate the color by 10%, you get **84.5090, 41.6541, -13.6014**, and if you desaturate by 10%, it is **113.4590, 27.3817, -9.1725**.

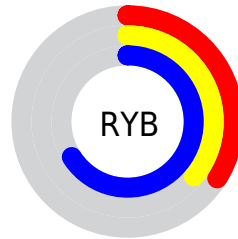
Distribution



Red (34%)

Green (36%)

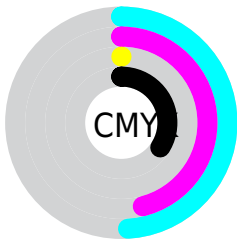
Blue (66%)



Red (34%)

Yellow (36%)

Blue (66%)

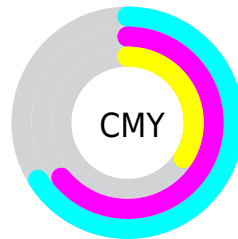


Cyan (49%)

Magenta (46%)

Yellow (0%)

Black (34%)



Cyan (66%)

Magenta (64%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.9840, 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 98.9840, 34.5179, -11.3870 by changing the saturation by 10% instead.

■ 98.9840, 34.5179,
-11.3870

■ 98.9840, 34.5179,
-11.3870

■ 255.0000, 0.0000,
0.0000

■ 74.3320, 33.3603,
-13.4462

■ 150.8640, 36.5490,
-9.5277

■ 49.4840, 32.7924,
-17.9645

■ 177.8040, 37.5646,
-8.5981

■ 25.6360, 32.2245,
-22.4828

■ 203.0250, 25.6237,
-5.2839

■ 7.6380, 29.2655,
-6.6985

■ 227.8330, 13.3933,
-2.4845

■ 6.7770, 18.3509,
-5.9434

■ 253.2390, 0.8682,
1.5444

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 98.9840, 34.5179,
-11.3870

■ 98.9840, 34.5179,
-11.3870

■ 84.5090, 41.6541,
-13.6014

■ 113.4590, 27.3817,
-9.1725

■ 70.6210, 48.5008,
-16.3306

■ 127.3470, 20.5349,
-6.4433

■ 56.1460, 55.6370,
-18.5450

■ 141.8220, 13.3988,
-4.2289

■ 41.6710, 62.7732,
-20.7595

■ 156.2970, 6.2626,
-2.0145

■ 28.0820, 69.4726,
-22.8739

■ 169.8860, -0.4368,
0.1000

■ 26.3100, 70.3462,
-23.0739

■ 184.3610, -7.5730,
2.3144

■ 198.8360,
-14.7091, 4.5288

■ 212.7240,
-21.5559, 7.2581

■ 227.1990,
-28.6921, 9.4725

Harmonies

Analogous

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



82.1720, 45.7642, -72.0648



98.9840, 34.5179, -11.3870



101.7030, 20.8524, 31.8325

Triad

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



98.9840, 34.5179, -11.3870



96.6260, -29.3956, 48.5630



78.9390, 5.4531, -69.2295

Complementary

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



98.9840, 34.5179, -11.3870



156.0160, -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.



82.7240, -15.1469, -41.8539



98.9840, 34.5179, -11.3870



94.6220, -40.2396, 26.6415

Square

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



98.9840, 34.5179, -11.3870



96.0680, -12.8515, 62.2074



90.9280, -34.4745, -2.5679



83.4990, 22.9250, -73.2286

Rectangle

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



98.9840, 34.5179, -11.3870



99.7780, 10.4624, 51.0607



90.9280, -34.4745, -2.5679



76.8700, 0.0641, -67.4150

Sweetspot

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



98.9840, 34.5179, -11.3870



191.5230, 13.5462, -4.8437



143.3850, 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.



98.9840, 34.5179, -11.3870



109.9890, 53.7424, -17.5304



105.9270, 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.



111.5010, -9.6140, 50.4266



129.5970, -15.0843, 78.4064



149.0730, -31.0950, -13.2190



78.3920, -1.1793, 4.9182



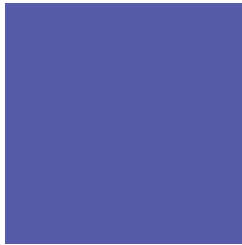
45.5060, -17.0115, 89.8872



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 98.9840, 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 98.9840, 34.5179, -11.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

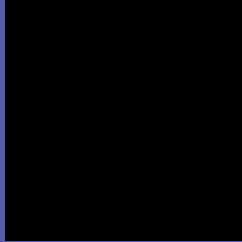
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.9840, 34.5179, -11.3870

Background



This preview shows how black text looks on a background with the YUV color 98.9840, 34.5179, -11.3870.



This preview shows how white text looks on a background with the YUV color 98.9840, 34.5179,

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

98.9840, 34.5179, -11.3870

Protanopia

95.2100, 38.3505, -27.3712

Deuteranopia

92.9870, 36.4884, -36.8226



Tritanopia

95.1480, 8.8010, -22.9318

Trichromacy



Original Color

98.9840, 34.5179, -11.3870

Protanomaly

96.9010, 37.0238, -21.8382

Deuteranomaly

95.2270, 35.8771, -27.3861

Tritanomaly

96.2870, 18.0995, -18.6687

Monochromacy



Original Color

98.9840, 34.5179, -11.3870

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.5940, 12.5252, -4.0289

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.9840, 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(86, 92, 169)` looks like.

```
.text, #text, p{  
    color:rgb(86, 92, 169)  
}
```

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, 92, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 92, 169) }
```

Border

The CSS property to change the border of an element to YUV 98.9840, 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(86, 92, 169) }
```


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

```
.border{ border-color:rgb(86, 92, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 92, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 92, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 92, 169);  
box-shadow:4px 4px 4px 4px rgb(86, 92,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 98.9840, 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(86, 92, 169) }
```

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

```
.background{ background-color: rgb(86, 92,  
169) }
```

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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