

Converting Colors

YUV(106.9800, 34.0269, 6.1565)

Have a look what the booklet for
YUV(106.9800, 34.0269, 6.1565)
contains.

YUV(106.9800, 34.0269, 6.1565)	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(106.9800, 34.0269,
6.1565)**

Conversions

Conversions Part 1

Format	Color
Hex	725AB0
RGB	114, 90, 176
RGB Percent	45%, 35%, 69%
CMY	0.5529, 0.6471, 0.3098
CMYK	0.35, 0.49, 0.00, 0.31
HSL	257°, 35%, 52%
HSV	257°, 49%, 69%
XYZ	18.4321, 14.0243, 42.8098
YIQ	106.9800, -13.3020, 31.8340

Conversions

Conversions Part 2

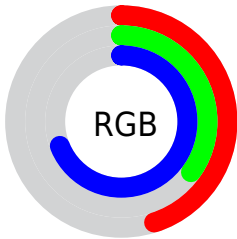
Format	Color
R_{YB}	114, 90, 176
Decimal	7494320
CIE _{Lab}	44.27, 29.64, -42.61
CIE _{LCh}	44, 51.901, 304.821
Yxy	14.0243, 0.2449, 0.1863
Android (android.graphics.Color)	4285684400 (0xFF725AB0)
YUV	106.9800, 34.0269, 6.1565
Hunter-Lab	37.4491, 22.3201, -41.5628

Details

The YUV color **106.9800, 34.0269, 6.1565** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **159.0200, -34.0269, -6.1565**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4470, 35.7686, 7.5010**, and **57.5020, 32.2905, 3.0677** is the 20% darker color. If you saturate the color by 10%, you get **92.5270, 41.1522, 7.4308**, and if you desaturate by 10%, it is **121.4330, 26.9015, 4.8823**.

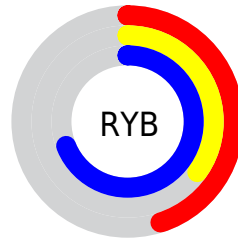
Distribution



Red (45%)

Green (35%)

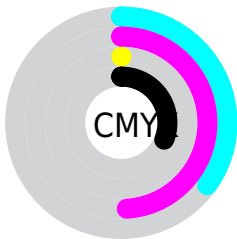
Blue (69%)



Red (45%)

Yellow (35%)

Blue (69%)

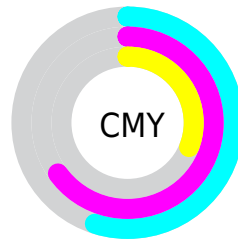


Cyan (35%)

Magenta (49%)

Yellow (0%)

Black (31%)



Cyan (55%)

Magenta (65%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.9800, 34.0269, 6.1565 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 106.9800, 34.0269, 6.1565 by changing the saturation by 10% instead.

■ 106.9800, 34.0269,
6.1565

■ 106.9800, 34.0269,
6.1565

■ 255.0000, 0.0000,
0.0000

■ 82.0400, 33.0113,
5.2269

■ 159.4470, 35.7686,
7.5010

■ 57.5020, 32.2905,
3.0677

■ 186.0020, 34.0160,
9.6452

■ 34.1380, 30.9910,
-0.1210

■ 210.2230, 22.0751,
12.9594

■ 8.9200, 31.5914,
-6.0688

■ 235.6290, 9.5499,
16.9884

■ 5.7000, 21.8399,
-4.9989

■ 252.6520, 1.1576,
2.0592

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,

0.0000

■ 106.9800, 34.0269,
6.1565

■ 106.9800, 34.0269,
6.1565

■ 92.5270, 41.1522,
7.4308

■ 121.4330, 26.9015,
4.8823

■ 78.9600, 47.8407,
8.8051

■ 135.0000, 20.2130,
3.5080

■ 64.5070, 54.9660,
10.0794

■ 149.4530, 13.0877,
2.2337

■ 50.6410, 61.8020,
10.8388

■ 163.3190, 6.2517,
1.4742

■ 36.4870, 68.7799,
12.7279

■ 177.4730, -0.7262,
-0.4148

■ 34.7150, 69.6535,
12.5279

■ 191.9260, -7.8515,
-1.6891

■ 205.7920,
-14.6875, -2.4486

■ 220.2450,
-21.8128, -3.7229

■ 233.8120,
-28.5013, -5.0971

Harmonies

Analogous

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



85.1700, 52.1742, -74.6941



106.9800, 34.0269, 6.1565



105.7160, 17.8880, 49.3611

Triad

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



106.9800, 34.0269, 6.1565



100.6830, -39.2837, 46.7590



86.0290, 12.3107, -75.4474

Complementary

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



106.9800, 34.0269, 6.1565



159.0200, -34.0269, -6.1565

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.



79.1380, -6.4770, -69.4040



106.9800, 34.0269, 6.1565



97.2160, -47.9275, 19.1046

Square

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



106.9800, 34.0269, 6.1565



100.6250, -21.0141, 66.9809



93.0680, -33.5575, -16.7226



90.2300, 30.9456, -79.1317

Rectangle

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



106.9800, 34.0269, 6.1565



102.3130, 5.7617, 65.5005



93.0680, -33.5575, -16.7226



83.7320, 6.0481, -73.4330

Sweetspot

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



106.9800, 34.0269, 6.1565



201.9800, 13.8139, 2.6485



136.7850, 19.3330, -41.0304



98.1880, 8.2883, 1.5891



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.



106.9800, 34.0269, 6.1565



120.8660, 53.8031, 9.7645



119.5380, 27.8358, 31.9772



81.9230, 3.4890, 0.9445



30.2990, 60.4916, 11.1388



5.0570, 10.3249, 1.7040

Inverse Universe

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



122.7820, 14.4045, 46.6722



145.8360, 22.7589, 73.8118



146.4620, -27.8358, -31.9772



83.4890, 1.7309, 4.8331



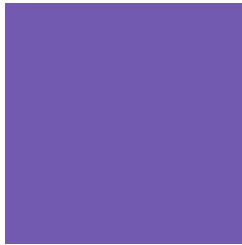
58.2870, 25.4945, 83.0633



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 106.9800, 34.0269, 6.1565 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 106.9800, 34.0269, 6.1565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

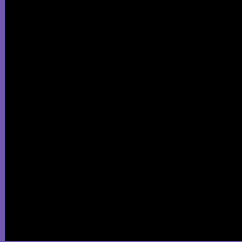
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.9800, 34.0269, 6.1565

Background



This preview shows how black text looks on a background with the YUV color 106.9800, 34.0269, 6.1565.



This preview shows how white text looks on a background with the YUV color 106.9800, 34.0269, 6.1565.

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

106.9800, 34.0269, 6.1565

Protanopia

100.4420, 43.1661, -31.9596

Deuteranopia

99.5960, 36.1882, -33.8487



Tritanopia

104.7160, 4.0840, -3.2589

Trichromacy



Original Color

106.9800, 34.0269, 6.1565

Protanomaly

103.0200, 39.9231, -18.4345

Deuteranomaly

102.4560, 35.2712, -19.6939

Tritanomaly

105.8980, 14.8403, 0.0895

Monochromacy



Original Color

106.9800, 34.0269, 6.1565

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.2250, 12.2141, 2.4337

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.9800, 34.0269, 6.1565 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(114, 90, 176)` looks like.

```
.text, #text, p{  
    color:rgb(114, 90, 176)  
}
```

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(114, 90, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 90, 176) }
```

Border

The CSS property to change the border of an element to YUV 106.9800, 34.0269, 6.1565 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(114, 90, 176) }
```


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

```
.border{ border-color:rgb(114, 90, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 90, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 90, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 90, 176);  
box-shadow:4px 4px 4px 4px rgb(114, 90,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 106.9800, 34.0269, 6.1565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 90, 176) }
```

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

```
.background{ background-color: rgb(114, 90,  
176) }
```

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