

Converting Colors

YUV(111.8370, 34.0974,
-16.5200)

Have a look what the booklet for
YUV(111.8370, 34.0974, -16.5200)
contains.

YUV(111.8370, 34.0974, -16.5200)	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(111.8370, 34.0974,
-16.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6CB5
RGB	93, 108, 181
RGB Percent	36%, 42%, 71%
CMY	0.6353, 0.5765, 0.2902
CMYK	0.49, 0.40, 0.00, 0.29
HSL	230°, 37%, 54%
HSV	230°, 49%, 71%
XYZ	18.2173, 16.3885, 45.9192
YIQ	111.8370, -32.3730, 19.5230

Conversions

Conversions Part 2

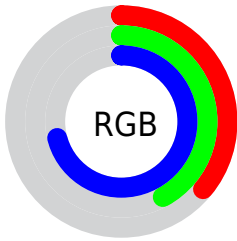
Format	Color
R_{YB}	93, 106, 181
Decimal	6122677
CIE _{Lab}	47.48, 14.66, -40.53
CIE _{LCh}	47, 43.104, 289.885
Yxy	16.3885, 0.2262, 0.2035
Android (android.graphics.Color)	4284312757 (0xFF5D6CB5)
YUV	111.8370, 34.0974, -16.5200
Hunter-Lab	40.4827, 9.4805, -38.9143

Details

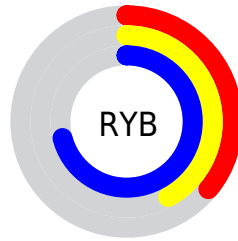
The YUV color **111.8370, 34.0974, -16.5200** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **162.1630, -34.0974, 16.5200**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6030, 35.6917, -14.5608**, and **61.1630, 32.9506, -22.0680** is the 20% darker color. If you saturate the color by 10%, you get **97.6500, 41.0916, -19.8640**, and if you desaturate by 10%, it is **126.0240, 27.1032, -13.1760**.

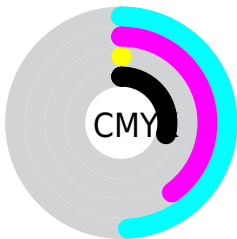
Distribution



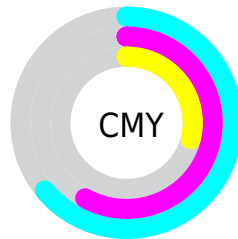
- Red (36%)
- Green (42%)
- Blue (71%)



- Red (36%)
- Yellow (42%)
- Blue (71%)



- Cyan (49%)
- Magenta (40%)
- Yellow (0%)
- Black (29%)



- Cyan (64%)
- Magenta (58%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.8370, 34.0974, -16.5200 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 111.8370, 34.0974, -16.5200 by changing the saturation by 10% instead.

■ 111.8370, 34.0974,
-16.5200

■ 111.8370, 34.0974,
-16.5200

■ 255.0000, 0.0000,
0.0000

■ 86.5980, 33.2292,
-18.0644

■ 164.6030, 35.6917,
-14.5608

■ 61.1630, 32.9506,
-22.0680

■ 190.8760, 31.6131,
-13.0463

■ 35.1080, 32.9778,
-30.7897

■ 215.6840, 19.3828,
-10.2469

■ 20.6320, 28.2824,
-18.0943

■ 240.7910, 7.0050,
-6.8327

■ 7.3300, 23.0083,
-6.4284

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 111.8370, 34.0974,
-16.5200

■ 111.8370, 34.0974,
-16.5200

■ 97.6500, 41.0916,
-19.8640

■ 126.0240, 27.1032,
-13.1760

■ 83.4630, 48.0857,
-23.2081

■ 140.2110, 20.1090,
-9.8320

■ 69.2760, 55.0799,
-26.5521

■ 154.3980, 13.1148,
-6.4880

■ 55.0890, 62.0741,
-29.8961

■ 168.5850, 6.1206,
-3.1440

■ 40.9020, 69.0683,
-33.2401

■ 183.0710, -1.0210,
0.8147

■ 38.8310, 70.0893,
-34.0548

■ 197.2580, -8.0152,
4.1587

■ 211.4450,
-15.0094, 7.5027

■ 225.6320,
-22.0036, 10.8467

■ 239.5200,
-28.8504, 13.5760

Harmonies

Analogous

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



91.4160, 45.6439, -80.1718



111.8370, 34.0974, -16.5200



116.1860, 21.6003, 25.2699

Triad

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



111.8370, 34.0974, -16.5200



111.4350, -26.3435, 49.6075



87.5960, 5.6222, -76.8217

Complementary

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



111.8370, 34.0974, -16.5200



162.1630, -34.0974, 16.5200

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.



100.9920, -18.2371, -30.6880



111.8370, 34.0974, -16.5200



109.3110, -35.1563, 29.5453

Square

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



111.8370, 34.0974, -16.5200



112.2140, -10.9515, 59.4483



106.4170, -32.7436, 2.2653



91.8140, 21.7837, -80.5209

Rectangle

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



111.8370, 34.0974, -16.5200



115.2610, 11.2103, 44.4981



106.4170, -32.7436, 2.2653



88.2180, -1.0935, -69.4742

Sweetspot

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



111.8370, 34.0974, -16.5200



206.6260, 13.9884, -6.6880



152.8640, 5.9830, -52.5007



100.7420, 8.0152, -4.1587



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



111.8370, 34.0974, -16.5200



128.0050, 52.7485, -25.4374



111.4040, 34.3108, 8.4157



82.2000, 3.3524, -1.9294



32.7040, 59.3059, -28.6814



5.3120, 10.1992, -4.6586

Inverse Universe

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



121.0220, -6.4198, 52.6007



142.2860, -10.0010, 81.3102



162.5960, -34.3108, -8.4157



82.9190, -0.4531, 5.3330



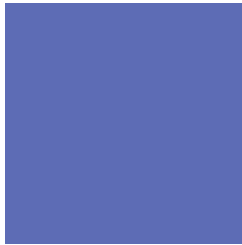
48.7110, -11.1965, 91.4615



8.2300, -2.0854, 15.5843

Previews

White Background



This preview shows how the YUV color 111.8370, 34.0974, -16.5200 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 111.8370, 34.0974, -16.5200 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 111.8370, 34.0974, -16.5200

Background



This preview shows how black text looks on a background with the YUV color 111.8370, 34.0974, -16.5200.



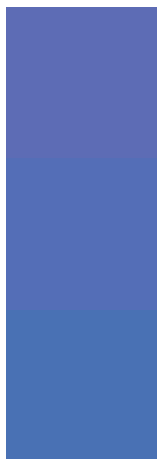
This preview shows how white text looks on a background with the YUV color 111.8370, 34.0974, -16.5200.

-16.5200.

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

111.8370, 34.0974, -16.5200

Protanopia

110.5480, 35.7188, -23.2826

Deuteranopia

108.6780, 35.1617, -31.2896



Tritanopia

107.5820, 10.5591, -26.8204

Trichromacy



Original Color

111.8370, 34.0974, -16.5200

Protanomaly

110.7440, 35.1292, -20.8235

Deuteranomaly

109.5970, 34.7087, -25.9566

Tritanomaly

109.1940, 19.1314, -22.9721

Monochromacy



Original Color

111.8370, 34.0974, -16.5200

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1700, 12.2412, -6.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.8370, 34.0974, -16.5200 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(93, 108, 181)` looks like.

```
.text, #text, p{  
    color:rgb(93, 108, 181)  
}
```

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(93, 108, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 108, 181) }
```

Border

The CSS property to change the border of an element to YUV 111.8370, 34.0974, -16.5200 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(93, 108, 181) }
```


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

```
.border{ border-color:rgb(93, 108, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 108, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 108, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 108, 181);  
box-shadow:4px 4px 4px 4px rgb(93, 108,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 111.8370, 34.0974, -16.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 108, 181) }
```

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

```
.background{ background-color: rgb(93, 108,  
181) }
```

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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