

Converting Colors

YUV(106.8120, 21.7847,
-34.0381)

Have a look what the booklet for
YUV(106.8120, 21.7847, -34.0381)
contains.

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Color

**YUV(106.8120, 21.7847,
-34.0381)**

Conversions

Conversions Part 1

Format	Color
Hex	447697
RGB	68, 118, 151
RGB Percent	27%, 46%, 59%
CMY	0.7333, 0.5373, 0.4078
CMYK	0.55, 0.22, 0.00, 0.41
HSL	204°, 38%, 43%
HSV	204°, 55%, 59%
XYZ	14.4482, 16.4202, 31.6861
YIQ	106.8120, -40.3930, -0.3370

Conversions

Conversions Part 2

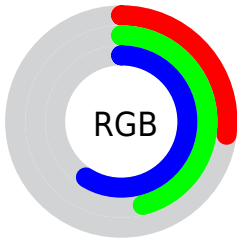
Format	Color
R_{YB}	68, 99, 151
Decimal	4486807
CIE _{Lab}	47.52, -6.95, -23.02
CIE _{LCh}	48, 24.043, 253.197
Yxy	16.4202, 0.2310, 0.2625
Android (android.graphics.Color)	4282676887 (0xFF447697)
YUV	106.8120, 21.7847, -34.0381
Hunter-Lab	40.5218, -7.2682, -17.9966

Details

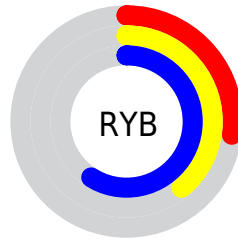
The YUV color **106.8120, 21.7847, -34.0381** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **112.1880, -21.7847, 34.0381**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6380, 22.3635, -33.0085**, and **52.4900, 23.4224, -46.0337** is the 20% darker color. If you saturate the color by 10%, you get **98.8050, 25.7321, -40.1710**, and if you desaturate by 10%, it is **114.8190, 17.8372, -27.9053**.

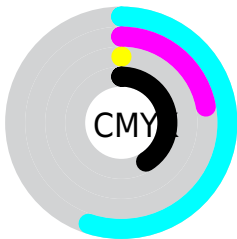
Distribution



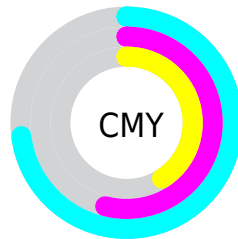
- Red (27%)
- Green (46%)
- Blue (59%)



- Red (27%)
- Yellow (39%)
- Blue (59%)



- Cyan (55%)
- Magenta (22%)
- Yellow (0%)
- Black (41%)



- Cyan (73%)
- Magenta (54%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.8120, 21.7847, -34.0381 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 106.8120, 21.7847, -34.0381 by changing the saturation by 10% instead.

■ 106.8120, 21.7847,
-34.0381

■ 106.8120, 21.7847,
-34.0381

■ 255.0000, 0.0000,
0.0000

■ 80.8010, 21.7901,
-35.7825

■ 159.6380, 22.3635,
-33.0085

■ 52.4900, 23.4224,
-46.0337

■ 186.8660, 23.2371,
-33.2085

■ 36.8400, 19.3059,
-32.3087

■ 214.0680, 20.1795,
-32.5086

■ 21.8910, 15.3367,
-19.1984

■ 239.7620, 7.5123,
-29.6093

■ 4.8220, 13.3988,
-4.2289

■ 249.0200, 2.9481,
-12.2955

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 106.8120, 21.7847,
-34.0381

■ 106.8120, 21.7847,
-34.0381

■ 98.8050, 25.7321,
-40.1710

■ 114.8190, 17.8372,
-27.9053

■ 90.7980, 29.6796,
-46.3038

■ 122.8260, 13.8898,
-21.7724

■ 82.7910, 33.6270,
-52.4367

■ 130.8330, 9.9423,
-15.6395

■ 74.7840, 37.5745,
-58.5696

■ 138.8400, 5.9949,
-9.5067

■ 70.6310, 39.6219,
-61.9434

■ 147.1460, 1.9000,
-2.7590

■ 155.1530, -2.0474,
3.3738

■ 163.1600, -5.9949,
9.5067

■ 171.1670, -9.9423,
15.6395

■ 179.1740,
-13.8898, 21.7724

Harmonies

Analogous

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



101.0290, 19.2127, -49.1374



106.8120, 21.7847, -34.0381



112.6730, 19.3882, -11.9912

Triad

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



106.8120, 21.7847, -34.0381



115.1290, -5.4866, 33.2129



108.3070, -12.4764, -11.6702

Complementary

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



106.8120, 21.7847, -34.0381



112.1880, -21.7847, 34.0381

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.



110.5220, -18.4983, 6.5582



106.8120, 21.7847, -34.0381



113.6420, -13.6275, 31.0090

Square

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



106.8120, 21.7847, -34.0381



115.7180, 4.5760, 25.6803



112.7950, -19.1259, 21.2278



104.8300, -2.3812, -29.6689

Rectangle

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



106.8120, 21.7847, -34.0381



114.8490, 15.8504, 2.7634



112.7950, -19.1259, 21.2278



108.9550, -15.2608, -5.2225

Sweetspot

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



106.8120, 21.7847, -34.0381



179.6870, 8.0423, -12.8805



120.3690, -10.0419, -45.9276



89.5090, 4.6791, -7.4624



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



106.8120, 21.7847, -34.0381



127.4920, 33.7744, -53.0515



83.3320, 33.3603, -13.4462



72.2600, 2.3368, -2.8590



65.2680, 36.8429, -57.2400



6.1780, 3.3632, -5.4181

Inverse Universe

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



98.5170, 9.6051, 46.0276



114.4630, 15.0547, 71.5079



135.6680, -33.3603, 13.4462



71.8480, 0.5679, 4.5183



51.4360, 16.0541, 77.6706



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 106.8120, 21.7847, -34.0381 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 106.8120, 21.7847, -34.0381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

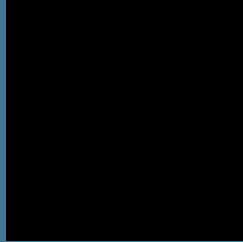
Any Text WCAG AA × Fail

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 106.8120, 21.7847, -34.0381 Background



This preview shows how black text looks on a background with the YUV color 106.8120, 21.7847, -34.0381.

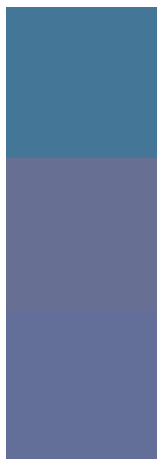


This preview shows how white text looks on a background with the YUV color 106.8120, 21.7847, -34.0381.

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

106.8120, 21.7847, -34.0381

Protanopia

112.5980, 16.4672, -8.4174

Deuteranopia

112.4990, 19.9670, -10.9616



Tritanopia

104.7870, 12.9230, -38.4012

Trichromacy



Original Color

106.8120, 21.7847, -34.0381

Protanomaly

110.7000, 18.3889, -18.1539

Deuteranomaly

110.5580, 20.4309, -19.7834

Tritanomaly

105.8950, 15.8278, -36.7419

Monochromacy



Original Color

106.8120, 21.7847, -34.0381

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.9860, 7.8949, -12.2657

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.8120, 21.7847, -34.0381 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(68, 118, 151)` looks like.

```
.text, #text, p{  
    color:rgb(68, 118, 151)  
}
```

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(68, 118, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 118, 151) }
```

Border

The CSS property to change the border of an element to YUV 106.8120, 21.7847, -34.0381 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(68, 118, 151) }
```


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

```
.border{ border-color:rgb(68, 118, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 118, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 118, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 118, 151);  
box-shadow:4px 4px 4px 4px rgb(68, 118,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 106.8120, 21.7847, -34.0381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 118, 151) }
```

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

```
.background{ background-color: rgb(68, 118,  
151) }
```

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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