

Converting Colors

YUV(146.8120, 21.7847,
-34.0381)

Have a look what the booklet for
YUV(146.8120, 21.7847, -34.0381)
contains.

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Color

**YUV(146.8120, 21.7847,
-34.0381)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9EBF
RGB	108, 158, 191
RGB Percent	42%, 62%, 75%
CMY	0.5765, 0.3804, 0.2510
CMYK	0.43, 0.17, 0.00, 0.25
HSL	204°, 39%, 59%
HSV	204°, 43%, 75%
XYZ	27.8152, 31.4035, 53.8857
YIQ	146.8120, -40.3930, -0.3370

Conversions

Conversions Part 2

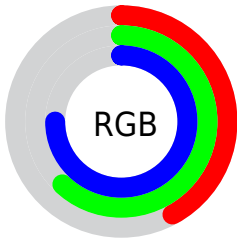
Format	Color
R _Y B	108, 139, 191
Decimal	7118527
CIE Lab	62.85, -7.90, -22.26
CIE LCh	63, 23.615, 250.462
Yxy	31.4035, 0.2459, 0.2777
Android (android.graphics.Color)	4285308607 (0xFF6C9EBF)
YUV	146.8120, 21.7847, -34.0381
Hunter-Lab	56.0388, -9.4684, -17.7848

Details

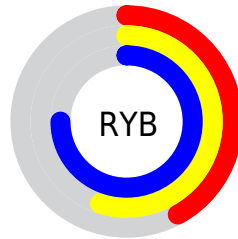
The YUV color **146.8120, 21.7847, -34.0381** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **152.1880, -21.7847, 34.0381**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9260, 22.2215, -34.1381**, and **94.5730, 20.9165, -35.5825** is the 20% darker color. If you saturate the color by 10%, you get **136.4350, 26.9005, -41.6005**, and if you desaturate by 10%, it is **157.1890, 16.6688, -26.4758**.

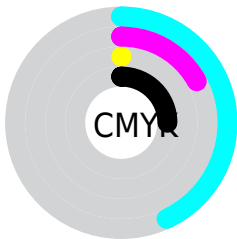
Distribution



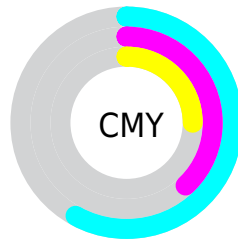
- Red (42%)
- Green (62%)
- Blue (75%)



- Red (42%)
- Yellow (55%)
- Blue (75%)



- Cyan (43%)
- Magenta (17%)
- Yellow (0%)
- Black (25%)



- Cyan (58%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.8120, 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 146.8120, 21.7847, -34.0381 by changing the saturation by 10% instead.

■ 146.8120, 21.7847,
-34.0381

■ 146.8120, 21.7847,
-34.0381

■ 255.0000, 0.0000,
0.0000

■ 120.3990, 21.4953,
-34.5529

■ 201.9260, 22.2215,
-34.1381

■ 94.5730, 20.9165,
-35.5825

■ 227.6460, 13.4855,
-32.1385

■ 68.3660, 21.5116,
-39.7860

■ 244.5350, 5.1592,
-21.5172

■ 45.1380, 20.6380,
-39.5860

■ 253.2060, 0.8844,
-3.6887

■ 29.6020, 16.9582,
-25.9610

■ 14.7670, 13.4259,
-12.9507

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 146.8120, 21.7847,
-34.0381

■ 146.8120, 21.7847,
-34.0381

■ 136.4350, 26.9005,
-41.6005

■ 157.1890, 16.6688,
-26.4758

■ 126.6450, 31.7270,
-49.6777

■ 166.9790, 11.8424,
-18.3986

■ 116.2680, 36.8429,
-57.2400

■ 177.3560, 6.7265,
-10.8362

■ 106.4780, 41.6693,
-65.3172

■ 187.1460, 1.9000,
-2.7590

■ 95.8020, 46.9326,
-73.4944

■ 197.5230, -3.2158,
4.8033

■ 89.2790, 50.1485,
-78.2977

■ 208.1990, -8.4791,
12.9805

■ 217.9890,
-13.3056, 21.0576

■ 226.5720,
-17.5370, 24.9314

■ 230.6810,
-19.5627, 21.3278

Harmonies

Analogous

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



142.7090, 17.8915, -45.3488



146.8120, 21.7847, -34.0381



151.3030, 20.5566, -13.4207

Triad

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



146.8120, 21.7847, -34.0381



154.9550, -4.9078, 34.2425



147.6770, -13.6448, -10.2407

Complementary

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



146.8120, 21.7847, -34.0381



152.1880, -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.



150.3050, -19.3774, 8.5025



146.8120, 21.7847, -34.0381



153.9520, -13.7803, 33.3681

Square

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



146.8120, 21.7847, -34.0381



155.3590, 5.7390, 25.9952



152.4040, -19.4262, 24.2017



145.0860, -3.9864, -28.1394

Rectangle

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



146.8120, 21.7847, -34.0381



154.3650, 16.5821, 1.4339



152.4040, -19.4262, 24.2017



148.6240, -16.5766, -3.1782

Sweetspot

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



146.8120, 21.7847, -34.0381



230.3880, 8.1897, -13.4953



160.3690, -10.0419, -45.9276



114.3240, 5.2633, -8.1771



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



146.8120, 21.7847, -34.0381



178.7910, 33.6270, -52.4367



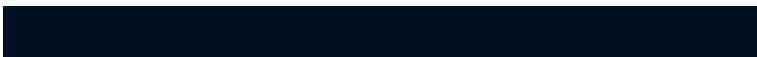
123.3320, 33.3603, -13.4462



89.5480, 2.1948, -3.9886



73.7770, 41.5219, -64.7024



14.1000, 8.3317, -12.3657

Inverse Universe

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



138.5170, 9.6051, 46.0276



166.0500, 14.7654, 70.9932



175.6680, -33.3603, 13.4462



88.3750, 1.2941, 4.9331



58.0720, 18.2055, 87.6369



11.3210, 3.2927, 17.2585

Previews

White Background



This preview shows how the YUV color 146.8120, 21.7847, -34.0381 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 146.8120, 21.7847, -34.0381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

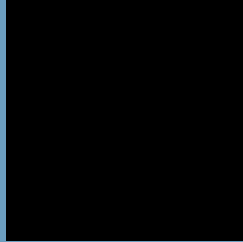
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.8120, 21.7847, -34.0381 Background



This preview shows how black text looks on a background with the YUV color 146.8120, 21.7847, -34.0381.

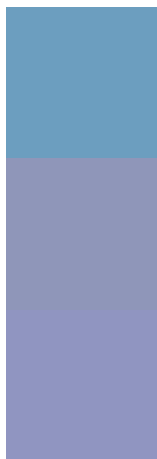


This preview shows how white text looks on a background with the YUV color 146.8120, 21.7847, -34.0381.

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

146.8120, 21.7847, -34.0381

Protanopia

151.8970, 16.3198, -7.8027

Deuteranopia

152.5210, 19.9561, -7.4729



Tritanopia

145.1400, 14.2280, -36.9568

Trichromacy



Original Color

146.8120, 21.7847, -34.0381

Protanomaly

149.9990, 18.2415, -17.5391

Deuteranomaly

150.2810, 20.5675, -16.9094

Tritanomaly

145.8350, 16.8433, -35.8123

Monochromacy



Original Color

146.8120, 21.7847, -34.0381

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9860, 7.8949, -12.2657

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.8120, 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(108, 158, 191)` looks like.

```
.text, #text, p{  
    color:rgb(108, 158, 191)  
}
```

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(108, 158, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 158, 191) }
```

Border

The CSS property to change the border of an element to YUV 146.8120, 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(108, 158, 191) }
```


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

```
.border{ border-color:rgb(108, 158, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 158, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 158, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 158, 191);  
box-shadow:4px 4px 4px 4px rgb(108, 158,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 146.8120, 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(108, 158, 191) }
```

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

```
.background{ background-color: rgb(108,  
158, 191) }
```

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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