

Converting Colors

YUV(146.2680, 23.5319,
-34.4380)

Have a look what the booklet for
YUV(146.2680, 23.5319, -34.4380)
contains.

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Color

**YUV(146.2680, 23.5319,
-34.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9DC2
RGB	107, 157, 194
RGB Percent	42%, 62%, 76%
CMY	0.5804, 0.3843, 0.2392
CMYK	0.45, 0.19, 0.00, 0.24
HSL	206°, 42%, 59%
HSV	206°, 45%, 76%
XYZ	27.8580, 31.1348, 55.5803
YIQ	146.2680, -41.6770, 0.9070

Conversions

Conversions Part 2

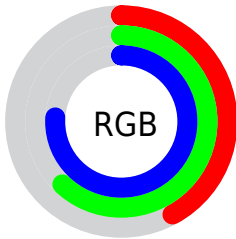
Format	Color
RYB	107, 139, 194
Decimal	7052738
CIELab	62.62, -6.76, -24.29
CIELCh	63, 25.207, 254.455
Yxy	31.1348, 0.2431, 0.2717
Android (android.graphics.Color)	4285242818 (0xFF6B9DC2)
YUV	146.2680, 23.5319, -34.4380
Hunter-Lab	55.7986, -8.5296, -19.9991

Details

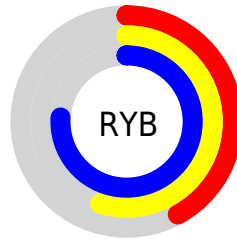
The YUV color **146.2680, 23.5319, -34.4380** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **154.7320, -23.5319, 34.4380**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9090, 24.6949, -34.1232**, and **93.7300, 22.8111, -36.5972** is the 20% darker color. If you saturate the color by 10%, you get **135.8910, 28.6477, -42.0004**, and if you desaturate by 10%, it is **156.6450, 18.4160, -26.8757**.

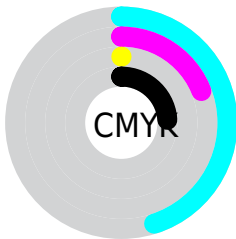
Distribution



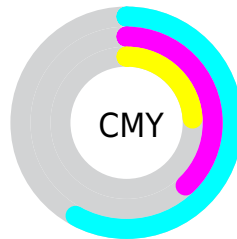
- Red (42%)
- Green (62%)
- Blue (76%)



- Red (42%)
- Yellow (55%)
- Blue (76%)



- Cyan (45%)
- Magenta (19%)
- Yellow (0%)
- Black (24%)



- Cyan (58%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.2680, 23.5319, -34.4380 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 146.2680, 23.5319, -34.4380 by changing the saturation by 10% instead.

■ 146.2680, 23.5319,
-34.4380

■ 146.2680, 23.5319,
-34.4380

■ 255.0000, 0.0000,
0.0000

■ 119.8550, 23.2425,
-34.9528

■ 200.9090, 24.6949,
-34.1232

■ 93.7300, 22.8111,
-36.5972

■ 226.7600, 13.9223,
-32.2385

■ 66.9250, 23.7010,
-42.0302

■ 244.2360, 5.3067,
-22.1320

■ 44.8930, 22.2378,
-39.3712

■ 252.9070, 1.0318,
-4.3034

■ 29.2430, 18.1212,
-25.6461

■ 14.4080, 14.5889,
-12.6358

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 146.2680, 23.5319,
-34.4380

■ 146.2680, 23.5319,
-34.4380

■ 135.8910, 28.6477,
-42.0004

■ 156.6450, 18.4160,
-26.8757

■ 124.6280, 34.2004,
-49.6628

■ 167.9080, 12.8634,
-19.2133

■ 114.2510, 39.3163,
-57.2251

■ 178.2850, 7.7475,
-11.6509

■ 103.5750, 44.5795,
-65.4023

■ 188.9610, 2.4842,
-3.4738

■ 93.1980, 49.6954,
-72.9646

■ 199.3380, -2.6316,
4.0886

■ 87.2730, 52.6164,
-76.5384

■ 210.3020, -8.0369,
11.1361

■ 220.9780,
-13.3002, 19.3133

■ 229.2620,
-17.3842, 22.5722

■ 233.9580,
-19.6993, 18.4538

Harmonies

Analogous

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



141.2570, 20.0863, -49.3374



146.2680, 23.5319, -34.4380



151.8410, 21.2774, -11.2616

Triad

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



146.2680, 23.5319, -34.4380



154.2220, -6.5184, 37.5163



146.0680, -13.3445, -13.2146

Complementary

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



146.2680, 23.5319, -34.4380



154.7320, -23.5319, 34.4380

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.



148.7670, -20.0981, 6.3433



146.2680, 23.5319, -34.4380



152.7950, -15.6749, 34.3828

Square

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



146.2680, 23.5319, -34.4380



155.0390, 4.4178, 29.7838



151.3500, -20.8785, 23.3721



143.2210, -2.0810, -32.6428

Rectangle

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



146.2680, 23.5319, -34.4380



154.0880, 16.7186, 4.3078



151.3500, -20.8785, 23.3721



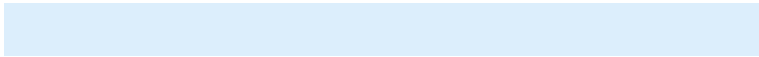
147.6020, -16.5658, -6.6670

Sweetspot

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



146.2680, 23.5319, -34.4380



234.2140, 8.7685, -12.4657



162.1730, -9.4523, -48.3867



116.4380, 5.7001, -8.2771



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



146.2680, 23.5319, -34.4380



177.2900, 36.8320, -53.7513



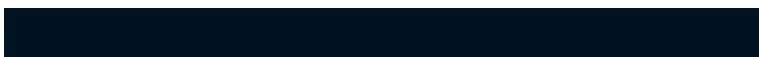
121.0270, 35.9757, -12.3017



91.6620, 2.6316, -4.0886



72.3580, 43.7005, -63.4580



14.9150, 8.9159, -13.0805

Inverse Universe

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



138.7130, 9.0155, 48.4867



165.5560, 14.0229, 75.8114



179.9730, -35.9757, 12.3017



90.6740, 1.1467, 5.5479



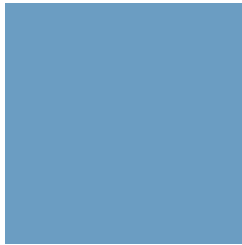
58.6270, 16.4529, 89.7811



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 146.2680, 23.5319, -34.4380 looks on a white background.

Color Contrast Check

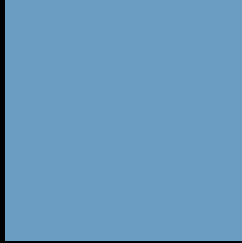
Large Text (above 18pt) WCAG AA × Fail

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 146.2680, 23.5319, -34.4380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

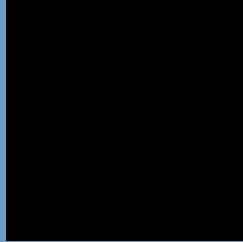
Any Text WCAG AA ✓ Pass

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 146.2680, 23.5319, -34.4380 Background



This preview shows how black text looks on a background with the YUV color 146.2680, 23.5319, -34.4380.



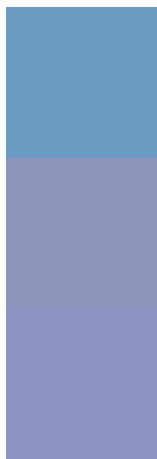
This preview shows how white text looks on a background with the YUV color 146.2680, 23.5319, -34.4380.

-34.4380.

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

146.2680, 23.5319, -34.4380

Protanopia

151.0540, 18.2144, -8.8174

Deuteranopia

151.3790, 21.9982, -9.1024



Tritanopia

144.5420, 14.5228, -38.1863

Trichromacy



Original Color

146.2680, 23.5319, -34.4380

Protanomaly

149.4550, 19.9887, -17.9390

Deuteranomaly

149.4380, 22.4621, -17.9241

Tritanomaly

145.3510, 17.5750, -37.1418

Monochromacy



Original Color

146.2680, 23.5319, -34.4380

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.1000, 8.3317, -12.3657

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.2680, 23.5319, -34.4380 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(107, 157, 194)` looks like.

```
.text, #text, p{  
    color:rgb(107, 157, 194)  
}
```

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(107, 157, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 157, 194) }
```

Border

The CSS property to change the border of an element to YUV 146.2680, 23.5319, -34.4380 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(107, 157, 194) }
```


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

```
.border{ border-color:rgb(107, 157, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 157, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 157, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 157, 194);  
box-shadow:4px 4px 4px 4px rgb(107, 157,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 146.2680, 23.5319, -34.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 157, 194) }
```

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

```
.background{ background-color: rgb(107,  
157, 194) }
```

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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