

Converting Colors

YUV(138.7780, 26.7314,
-34.0083)

Have a look what the booklet for
YUV(138.7780, 26.7314, -34.0083)
contains.

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Color

**YUV(138.7780, 26.7314,
-34.0083)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 6494C1 |
| RGB | 100, 148, 193 |
| RGB Percent | 39%, 58%, 76% |
| CMY | 0.6078, 0.4196, 0.2431 |
| CMYK | 0.48, 0.23, 0.00, 0.24 |
| HSL | 209°, 43%, 57% |
| HSV | 209°, 48%, 76% |
| XYZ | 25.4711, 27.7394, 54.4638 |
| YIQ | 138.7780, -43.0530, 3.8190 |

Conversions

Conversions Part 2

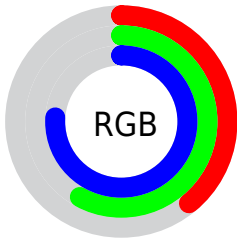
| Format | Color |
|-------------------------------------|---|
| RYB | 100, 132, 193 |
| Decimal | 6591681 |
| CIELab | 59.65, -3.73, -28.33 |
| CIELCh | 60, 28.571, 262.499 |
| Yxy | 27.7394, 0.2366, 0.2576 |
| Android (android.graphics.Color) | 4284781761 (0xFF6494C1) |
| YUV | 138.7780, 26.7314, -34.0083 |
| Hunter-Lab | 52.6682, -5.8443, -24.4437 |

Details

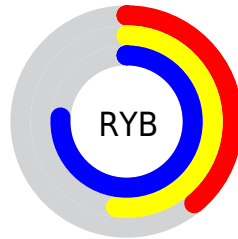
The YUV color **138.7780, 26.7314, -34.0083** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **154.2220, -26.7314, 34.0083**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.4190, 27.8944, -33.6935**, and **86.2290, 26.0161, -37.9118** is the 20% darker color. If you saturate the color by 10%, you get **127.8140, 32.1367, -41.0559**, and if you desaturate by 10%, it is **149.7420, 21.3262, -26.9607**.

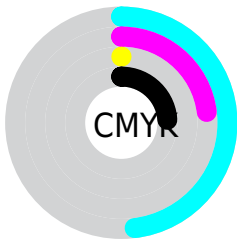
Distribution



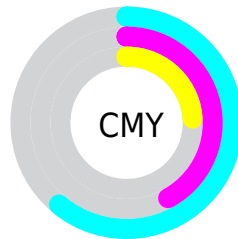
- Red (39%)
- Green (58%)
- Blue (76%)



- Red (39%)
- Yellow (52%)
- Blue (76%)



- Cyan (48%)
- Magenta (23%)
- Yellow (0%)
- Black (24%)



- Cyan (61%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.7780, 26.7314, -34.0083 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 138.7780, 26.7314, -34.0083 by changing the saturation by 10% instead.

■ 138.7780, 26.7314,
-34.0083

■ 138.7780, 26.7314,
-34.0083

■ 255.0000, 0.0000,
0.0000

■ 112.0660, 26.5895,
-35.1379

■ 193.4190, 27.8944,
-33.6935

■ 86.2290, 26.0161,
-37.9118

■ 218.7970, 17.8481,
-31.3940

■ 56.7330, 28.2326,
-48.8778

■ 242.1430, 6.3385,
-26.4354

■ 40.0830, 24.1161,
-35.1528

■ 250.8140, 2.0637,
-8.6069

■ 25.6070, 19.4207,
-22.4573

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 138.7780, 26.7314,
-34.0083

■ 138.7780, 26.7314,
-34.0083

■ 127.8140, 32.1367,
-41.0559

■ 149.7420, 21.3262,
-26.9607

■ 115.9640, 37.9787,
-48.2034

■ 161.5920, 15.4841,
-19.8132

■ 105.0000, 43.3840,
-55.2510

■ 172.5560, 10.0789,
-12.7656

■ 94.0360, 48.7893,
-62.2986

■ 183.5200, 4.6736,
-5.7180

■ 82.1860, 54.6313,
-69.4461

■ 195.3700, -1.1684,
1.4295

■ 80.7020, 55.3629,
-70.7757

■ 206.3340, -6.5737,
8.4771

■ 217.2980,
-11.9789, 15.5247

■ 228.8490,
-17.6736, 22.0574

■ 234.4310,
-20.4255, 18.0390

Harmonies

Analogous

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



130.9940, 25.6390, -56.9997



138.7780, 26.7314, -34.0083



144.5150, 22.4241, -5.7137

Triad

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



138.7780, 26.7314, -34.0083



146.3320, -10.0237, 41.8048



136.9530, -12.3018, -21.0068

Complementary

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



138.7780, 26.7314, -34.0083



154.2220, -26.7314, 34.0083

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.



140.3920, -21.3923, 1.4102



138.7780, 26.7314, -34.0083



144.7690, -19.6061, 35.2826

Square

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



138.7780, 26.7314, -34.0083



147.1000, 1.9227, 36.7463



142.8290, -24.0727, 21.1980



132.4800, 1.7354, -43.3940

Rectangle

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



138.7780, 26.7314, -34.0083



146.5450, 16.9863, 11.8000



142.8290, -24.0727, 21.1980



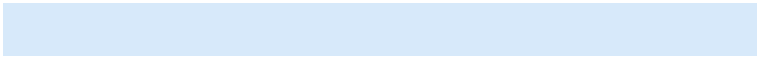
137.7860, -15.6705, -13.8443

Sweetspot

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



138.7780, 26.7314, -34.0083



229.5560, 10.0789, -12.7656



159.7210, -7.2575, -52.3753



112.8510, 5.9895, -7.7623



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.



138.7780, 26.7314, -34.0083



165.5550, 41.6314, -53.1067



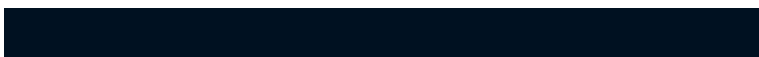
111.7760, 40.0434, -10.3276



91.0750, 2.9210, -3.5738



67.0750, 46.3050, -58.8248



13.7410, 9.4947, -12.0509

Inverse Universe

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



133.2790, 7.2575, 52.3753



156.9050, 11.3858, 81.6443



181.2240, -40.0434, 10.3276



90.5600, 0.7099, 5.6479



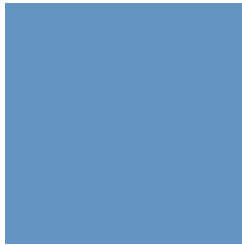
57.6010, 12.5217, 90.6809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 138.7780, 26.7314, -34.0083 looks on a white background.

Color Contrast Check

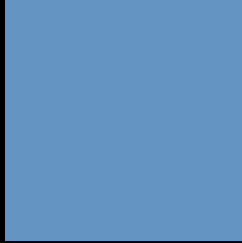
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 138.7780, 26.7314, -34.0083 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 × Fail

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

YUV 138.7780, 26.7314, -34.0083

Background



This preview shows how black text looks on a background with the YUV color 138.7780, 26.7314, -34.0083.



This preview shows how white text looks on a background with the YUV color 138.7780, 26.7314, -34.0083.

-34.0083.

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

138.7780, 26.7314, -34.0083

Protanopia

143.0690, 22.1510, -11.4615

Deuteranopia

143.1550, 25.0666, -13.2909



Tritanopia

135.8300, 14.3808, -39.3159

Trichromacy



Original Color

138.7780, 26.7314, -34.0083

Protanomaly

141.7690, 23.7779, -19.9684

Deuteranomaly

141.9260, 25.6725, -20.9831

Tritanomaly

136.6930, 18.8854, -37.4418

Monochromacy



Original Color

138.7780, 26.7314, -34.0083

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.8550, 9.9315, -12.1508

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.7780, 26.7314, -34.0083 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(100, 148, 193)` looks like.

```
.text, #text, p{  
    color:rgb(100, 148, 193)  
}
```

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(100, 148, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 148, 193) }
```

Border

The CSS property to change the border of an element to YUV 138.7780, 26.7314, -34.0083 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(100, 148, 193) }
```


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

```
.border{ border-color:rgb(100, 148, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 148, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 148, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 148, 193);  
box-shadow:4px 4px 4px 4px rgb(100, 148,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 138.7780, 26.7314, -34.0083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 148, 193) }
```

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

```
.background{ background-color: rgb(100,  
148, 193) }
```

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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