

Converting Colors

YUV(140.8920, 27.1682,
-34.1083)

Have a look what the booklet for
YUV(140.8920, 27.1682, -34.1083)
contains.

YUV(140.8920, 27.1682, -34.1083)	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(140.8920, 27.1682,
-34.1083)**

Conversions

Conversions Part 1

Format	Color
Hex	6696C4
RGB	102, 150, 196
RGB Percent	40%, 59%, 77%
CMY	0.6000, 0.4118, 0.2314
CMYK	0.48, 0.23, 0.00, 0.23
HSL	209°, 44%, 58%
HSV	209°, 48%, 77%
XYZ	26.3496, 28.6230, 56.3606
YIQ	140.8920, -43.3740, 4.1300

Conversions

Conversions Part 2

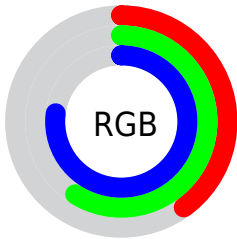
Format	Color
RYB	102, 134, 196
Decimal	6723268
CIELab	60.45, -3.49, -28.78
CIElCh	60, 28.989, 263.082
Yxy	28.6230, 0.2367, 0.2571
Android (android.graphics.Color)	4284913348 (0xFF6696C4)
YUV	140.8920, 27.1682, -34.1083
Hunter-Lab	53.5005, -5.7123, -25.0093

Details

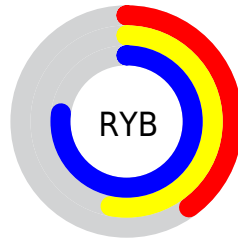
The YUV color **140.8920, 27.1682, -34.1083** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **157.1080, -27.1682, 34.1083**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.5330, 28.3312, -33.7934**, and **87.7560, 26.7423, -37.4970** is the 20% darker color. If you saturate the color by 10%, you get **129.0420, 33.0103, -41.2558**, and if you desaturate by 10%, it is **152.7420, 21.3262, -26.9607**.

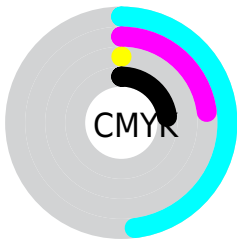
Distribution



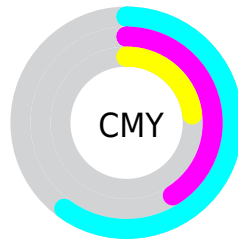
- Red (40%)
- Green (59%)
- Blue (77%)



- Red (40%)
- Yellow (53%)
- Blue (77%)



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



- Cyan (60%)
- Magenta (41%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.8920, 27.1682, -34.1083 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 140.8920, 27.1682, -34.1083 by changing the saturation by 10% instead.

■ 140.8920, 27.1682,
-34.1083

■ 140.8920, 27.1682,
-34.1083

255.0000, 0.0000,
0.0000

■ 114.1800, 27.0263,
-35.2379

■ 195.5330, 28.3312,
-33.7934

■ 87.7560, 26.7423,
-37.4970

■ 220.8680, 16.8271,
-30.5792

■ 59.0320, 28.0852,
-48.2631

■ 242.7410, 6.0437,
-25.2059

■ 41.5990, 24.8477,
-36.4823

■ 251.7110, 1.6215,
-6.7625

■ 26.5360, 20.4418,
-23.2721

■ 9.2390, 17.6302,
-8.1026

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 140.8920, 27.1682,
-34.1083

■ 140.8920, 27.1682,
-34.1083

■ 129.0420, 33.0103,
-41.2558

■ 152.7420, 21.3262,
-26.9607

■ 118.0780, 38.4155,
-48.3034

■ 163.7060, 15.9209,
-19.9132

■ 106.2280, 44.2576,
-55.4510

■ 175.5560, 10.0789,
-12.7656

■ 95.2640, 49.6628,
-62.4985

■ 186.5200, 4.6736,
-5.7180

■ 83.4140, 55.5049,
-69.6461

■ 198.3700, -1.1684,
1.4295

■ 81.0440, 56.6733,
-71.0756

■ 210.2200, -7.0105,
8.5771

■ 221.1840,
-12.4157, 15.6246

■ 231.8380,
-17.6681, 20.3131

■ 237.1210,
-20.2727, 15.6799

Harmonies

Analogous

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



132.8090, 26.2232, -57.7145



140.8920, 27.1682, -34.1083



146.9280, 22.7135, -5.1989

Triad

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



140.8920, 27.1682, -34.1083



147.6310, -10.1711, 42.4196



138.6540, -12.1544, -21.6216

Complementary

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



140.8920, 27.1682, -34.1083



157.1080, -27.1682, 34.1083

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.



141.9790, -21.6816, 0.8954



140.8920, 27.1682, -34.1083



146.9540, -20.1903, 35.9973

Square

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



140.8920, 27.1682, -34.1083



149.3990, 1.7753, 37.3611



144.7150, -24.5095, 21.2979



133.9960, 2.4670, -44.7235

Rectangle

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



140.8920, 27.1682, -34.1083



148.8440, 16.8389, 12.4148



144.7150, -24.5095, 21.2979



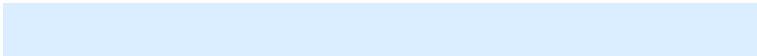
140.3730, -15.9599, -14.3591

Sweetspot

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



140.8920, 27.1682, -34.1083



234.2570, 10.2263, -13.3804



162.3080, -7.5468, -52.8901



114.9650, 6.4263, -7.8623



0.0000, 0.0000, 0.0000



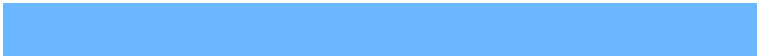
128.0000, 0.0000, 0.0000

Same Dimension

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



140.8920, 27.1682, -34.1083



168.4840, 42.6524, -53.9215



113.8900, 40.4802, -10.4275



91.0750, 2.9210, -3.5738



66.4880, 46.5944, -58.3100



13.7410, 9.4947, -12.0509

Inverse Universe

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



135.5780, 7.1100, 52.9901



159.9160, 11.3804, 83.3887



184.1100, -40.4802, 10.4275



90.5600, 0.7099, 5.6479



57.4870, 12.0849, 90.7809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 140.8920, 27.1682, -34.1083 looks on a white background.

Color Contrast Check

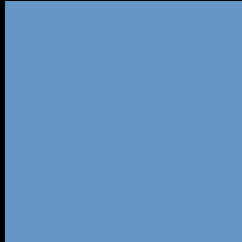
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.8920, 27.1682, -34.1083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

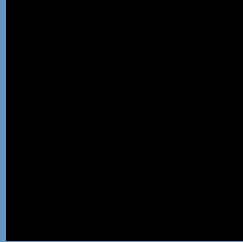
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.8920, 27.1682, -34.1083

Background



This preview shows how black text looks on a background with the YUV color 140.8920, 27.1682, -34.1083.

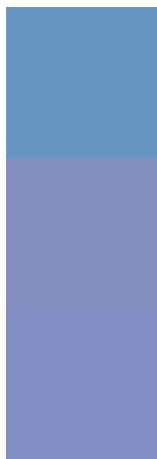


This preview shows how white text looks on a background with the YUV color 140.8920, 27.1682, -34.1083.

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

140.8920, 27.1682, -34.1083

Protanopia

145.1830, 22.5878, -11.5615

Deuteranopia

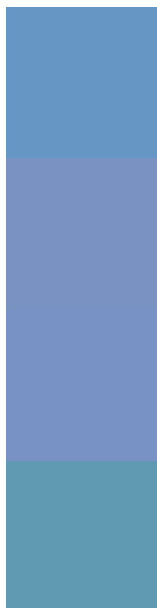
145.2690, 25.5034, -13.3909



Tritanopia

137.9440, 14.8176, -39.4159

Trichromacy



Original Color

140.8920, 27.1682, -34.1083

Protanomaly

143.8830, 24.2147, -20.0684

Deuteranomaly

144.0400, 26.1093, -21.0831

Tritanomaly

138.8070, 19.3221, -37.5417

Monochromacy



Original Color

140.8920, 27.1682, -34.1083

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.8550, 9.9315, -12.1508

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8920, 27.1682, -34.1083 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(102, 150, 196)` looks like.

```
.text, #text, p{  
    color:rgb(102, 150, 196)  
}
```

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(102, 150, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 150, 196) }
```

Border

The CSS property to change the border of an element to YUV 140.8920, 27.1682, -34.1083 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(102, 150, 196) }
```


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

```
.border{ border-color:rgb(102, 150, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 150, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 150, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 150, 196);  
box-shadow:4px 4px 4px 4px rgb(102, 150,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 140.8920, 27.1682, -34.1083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 150, 196) }
```

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

```
.background{ background-color: rgb(102,  
150, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor