

Converting Colors

YUV(148.8220, -13.7162,
-34.0469)

Have a look what the booklet for
YUV(148.8220, -13.7162, -34.0469)
contains.

YUV(148.8220, -13.7162, -34.0469)	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(148.8220, -13.7162,
-34.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	6EAE79
RGB	110, 174, 121
RGB Percent	43%, 68%, 47%
CMY	0.5686, 0.3176, 0.5255
CMYK	0.37, 0.00, 0.30, 0.32
HSL	130°, 28%, 56%
HSV	130°, 37%, 68%
XYZ	25.0176, 34.9676, 23.5200
YIQ	148.8220, -21.1310, -30.0510

Conversions

Conversions Part 2

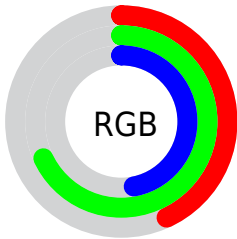
Format	Color
RYB	110, 165, 174
Decimal	7253625
CIELab	65.72, -31.82, 20.90
CIELCh	66, 38.071, 146.703
Yxy	34.9676, 0.2996, 0.4187
Android (android.graphics.Color)	4285443705 (0xFF6EAE79)
YUV	148.8220, -13.7162, -34.0469
Hunter-Lab	59.1334, -27.9652, 17.8111

Details

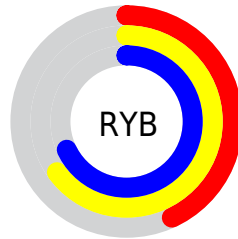
The YUV color **148.8220, -13.7162, -34.0469** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **135.1780, 13.7162, 34.0469**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.8820, -14.7318, -34.9765**, and **96.5770, -12.1165, -33.8320** is the 20% darker color. If you saturate the color by 10%, you get **142.1430, -17.3255, -43.0984**, and if you desaturate by 10%, it is **155.5010, -10.1070, -24.9954**.

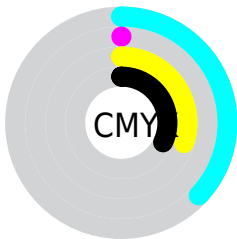
Distribution



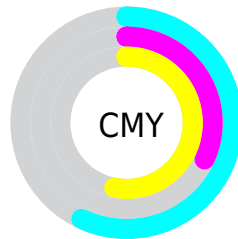
- Red (43%)
- Green (68%)
- Blue (47%)



- Red (43%)
- Yellow (65%)
- Blue (68%)



- Cyan (37%)
- Magenta (0%)
- Yellow (30%)
- Black (32%)



- Cyan (57%)
- Magenta (32%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.8220, -13.7162, -34.0469 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 148.8220, -13.7162, -34.0469 by changing the saturation by 10% instead.

■ 148.8220,
-13.7162, -34.0469

■ 148.8220,
-13.7162, -34.0469

■ 255.0000, 0.0000,
0.0000

■ 122.3490,
-12.9901, -33.6321

■ 203.8820,
-14.7318, -34.9765

■ 96.5770, -12.1165,
-33.8320

■ 230.0070,
-14.3005, -33.3321

■ 71.5060, -11.0955,
-34.6468

■ 241.5710, -6.1975,
-18.9178

■ 45.3420, -9.0426,
-39.7649

■ 253.2060, 0.8844,
-3.6887

■ 28.5180, -12.5804,
-25.0103

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,

0.0000

■ 148.8220,
-13.7162, -34.0469

■ 148.8220,
-13.7162, -34.0469

■ 142.1430,
-17.3255, -43.0984

■ 155.5010,
-10.1070, -24.9954

■ 135.0510,
-21.2241, -52.6647

■ 162.5930, -6.2083,
-15.4291

■ 128.3720,
-24.8334, -61.7162

■ 169.2720, -2.5991,
-6.3775

■ 121.2800,
-28.7320, -71.2826


■ 176.3640, 1.2995,
3.1888


■ 114.6010,
-32.3413, -80.3341

■ 183.0430, 4.9088,
12.2403

■ 107.9220,
-35.9505, -89.3856

■ 189.7220, 8.5181,
21.2918

 105.5580,
-37.2501, -92.5744

 196.8140, 12.4167,
30.8581

 203.4930, 16.0260,
39.9096

 206.9970, 21.6935,
42.0986

Harmonies

Analogous

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



153.9370, -28.0699, -3.4527



148.8220, -13.7162, -34.0469



139.8080, 7.4897, -69.1146

Triad

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



148.8220, -13.7162, -34.0469



152.3450, 36.8049, -45.0296



161.4540, -15.0138, 55.7298

Complementary

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



148.8220, -13.7162, -34.0469



135.1780, 13.7162, 34.0469

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.



163.2590, 0.8583, 51.5159



148.8220, -13.7162, -34.0469



161.6600, 29.2546, -3.2098

Square

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



148.8220, -13.7162, -34.0469



133.3510, 40.7460, -95.9008



164.2530, 16.6373, 30.4731



159.4730, -27.3482, 45.1892

Rectangle

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



148.8220, -13.7162, -34.0469



125.6750, 25.7962, -107.5860



164.2530, 16.6373, 30.4731



161.8330, -9.7777, 56.2745

Sweetspot

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



148.8220, -13.7162, -34.0469



217.1310, -5.4876, -13.2699



163.4150, -26.3336, -0.3640



109.0330, -3.4673, -7.9219



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



148.8220, -13.7162, -34.0469



187.6380, -21.5135, -53.1795



152.4700, 0.2613, -37.2462



83.5110, -1.7309, -4.8331



91.0140, -32.0519, -79.8193



13.9570, -4.9088, -12.2403

Inverse Universe

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



135.1780, 13.7162, 34.0469



166.3620, 21.5135, 53.1795



131.5300, -0.2613, 37.2462



81.4890, 1.7309, 4.8331



59.1000, 32.4887, 79.7193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 148.8220, -13.7162, -34.0469 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 148.8220, -13.7162, -34.0469 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 148.8220, -13.7162, -34.0469 Background



This preview shows how black text looks on a background with the YUV color 148.8220, -13.7162, -34.0469.



This preview shows how white text looks on a background with the YUV color 148.8220, -13.7162, -34.0469.

-34.0469.

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

148.8220, -13.7162, -34.0469

Protanopia

157.4580, -21.4248, 11.8763

Deuteranopia

159.7890, -16.6580, 22.9870



Tritanopia

155.0270, 12.3117, -28.9647

Trichromacy



Original Color

148.8220, -13.7162, -34.0469

Protanomaly

154.1570, -18.3184, -4.5227

Deuteranomaly

155.8850, -15.7193, 1.8549

Tritanomaly

153.1980, 2.8604, -30.8686

Monochromacy



Original Color

148.8220, -13.7162, -34.0469

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9570, -4.9088, -12.2403

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.8220, -13.7162, -34.0469 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(110, 174, 121)` looks like.

```
.text, #text, p{  
    color:rgb(110, 174, 121)  
}
```

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(110, 174, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 174, 121) }
```

Border

The CSS property to change the border of an element to YUV 148.8220, -13.7162, -34.0469 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(110, 174, 121) }
```


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

```
.border{ border-color:rgb(110, 174, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 174, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 174, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 174, 121);  
box-shadow:4px 4px 4px 4px rgb(110, 174,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 148.8220, -13.7162, -34.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 174, 121) }
```

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

```
.background{ background-color: rgb(110,  
174, 121) }
```

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