

Converting Colors

YUV(145.4820, -38.1986,
-21.4707)

Have a look what the booklet for
YUV(145.4820, -38.1986, -21.4707)
contains.

YUV(145.4820, -38.1986, -21.4707)	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(145.4820, -38.1986,
-21.4707)**

Conversions

Conversions Part 1

Format	Color
Hex	79AD44
RGB	121, 173, 68
RGB Percent	47%, 68%, 27%
CMY	0.5255, 0.3216, 0.7333
CMYK	0.30, 0.00, 0.61, 0.32
HSL	90°, 44%, 47%
HSV	90°, 61%, 68%
XYZ	23.8721, 34.3694, 10.8446
YIQ	145.4820, 2.7130, -43.6790

Conversions

Conversions Part 2

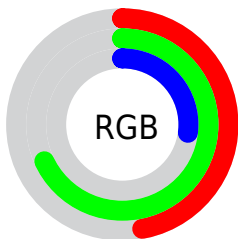
Format	Color
RYB	68, 173, 120
Decimal	7974212
CIELab	65.25, -34.77, 47.39
CIELCh	65, 58.774, 126.268
Yxy	34.3694, 0.3455, 0.4975
Android (android.graphics.Color)	4286164292 (0xFF79AD44)
YUV	145.4820, -38.1986, -21.4707
Hunter-Lab	58.6255, -29.9099, 30.0703

Details

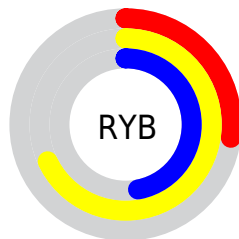
The YUV color **145.4820, -38.1986, -21.4707** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **95.5180, 38.1986, 21.4707**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.7270, -39.7984, -21.6856**, and **92.0260, -39.9458, -21.0708** is the 20% darker color. If you saturate the color by 10%, you get **140.8530, -44.2975, -25.3041**, and if you desaturate by 10%, it is **150.1110, -32.0997, -17.6373**.

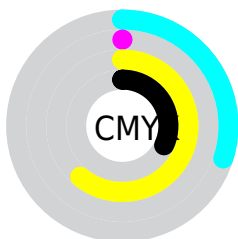
Distribution



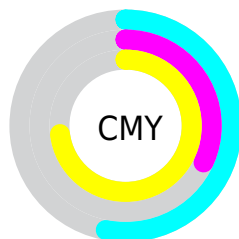
- Red (47%)
- Green (68%)
- Blue (27%)



- Red (27%)
- Yellow (68%)
- Blue (47%)



- Cyan (30%)
- Magenta (0%)
- Yellow (61%)
- Black (32%)



- Cyan (53%)
- Magenta (32%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.4820, -38.1986, -21.4707 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 145.4820, -38.1986, -21.4707 by changing the saturation by 10% instead.

■ 145.4820,
-38.1986, -21.4707

■ 145.4820,
-38.1986, -21.4707

■ 255.0000, 0.0000,
0.0000

■ 118.5960,
-37.7618, -21.5707

■ 200.7270,
-39.7984, -21.6856

■ 92.0260, -39.9458,
-21.0708

■ 227.7380,
-39.8038, -19.9412

■ 67.7250, -33.3884,
-24.3148

■ 239.4870,
-32.2851, -4.8121

■ 44.6670, -22.0208,
-30.4030

■ 248.9580,
-23.1503, 5.2988

■ 28.1760, -13.8908,
-24.7104

■ 252.2640,
-10.4832, 2.3995

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,

0.0000

■ 145.4820,
-38.1986, -21.4707

■ 145.4820,
-38.1986, -21.4707

■ 140.8530,
-44.2975, -25.3041

■ 150.1110,
-32.0997, -17.6373

■ 136.4090,
-50.9806, -28.4227

■ 154.5550,
-25.4166, -14.5187

■ 131.7800,
-57.0795, -32.2561

■ 159.1840,
-19.3177, -10.6854

■ 127.5640,
-62.8891, -35.5746

■ 163.5140,
-13.0714, -7.4668

■ 168.2570, -6.5357,
-3.7334

■ 172.5870, -0.2894,
-0.5148

■ 177.2160, 5.8095,
3.3186

■ 181.8450, 11.9084,
7.1519

■ 186.2890, 18.5915,
10.2705

Harmonies

Analogous

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



150.9730, -52.7377, 21.9487



145.4820, -38.1986, -21.4707



124.9240, -5.3855, -92.8953

Triad

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



145.4820, -38.1986, -21.4707



131.6810, 60.3033, -115.4842



157.5020, -4.1915, 84.6287

Complementary

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



145.4820, -38.1986, -21.4707



95.5180, 38.1986, 21.4707

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.



161.9500, 19.7447, 60.5569



145.4820, -38.1986, -21.4707



143.9090, 54.7679, -66.5722

Square

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



145.4820, -38.1986, -21.4707



131.8000, 42.9896, -115.5886



162.3210, 40.2677, 11.1195



155.8780, -28.0409, 80.7910

Rectangle

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



145.4820, -38.1986, -21.4707



124.5210, 12.5611, -109.2049



162.3210, 40.2677, 11.1195



158.9450, 3.9711, 79.8552

Sweetspot

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



145.4820, -38.1986, -21.4707



213.4600, -14.5238, -8.2964



129.3320, -30.2367, 38.2968



105.6760, -8.7143, -4.9779



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



145.4820, -38.1986, -21.4707



181.1990, -59.2581, -33.5005



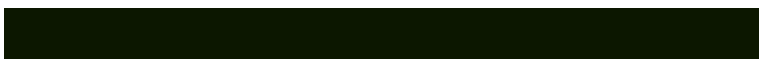
130.2330, -30.6809, -52.8243



84.4790, -3.1941, -2.1741



110.7740, -54.6116, -30.4968



17.0890, -8.4249, -4.4631

Inverse Universe

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



95.5180, 38.1986, 21.4707



103.8010, 59.2581, 33.5005



110.7670, 30.6809, 52.8243



80.2220, 3.3416, 1.5593



39.5250, 54.4642, 31.1116



5.9110, 8.4249, 4.4631

Previews

White Background



This preview shows how the YUV color 145.4820, -38.1986, -21.4707 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 145.4820, -38.1986, -21.4707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

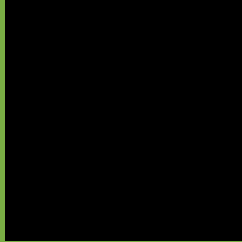
Any Text WCAG AA ✓ Pass

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 145.4820, -38.1986, -21.4707 Background



This preview shows how black text looks on a background with the YUV color 145.4820, -38.1986, -21.4707.



This preview shows how white text looks on a background with the YUV color 145.4820, -38.1986, -21.4707.

-21.4707.

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

145.4820, -38.1986, -21.4707

Protanopia

152.6660, -43.7123, 20.4639

Deuteranopia

154.9050, -39.3932, 35.1633



Tritanopia

155.7080, 9.5110, -17.2839

Trichromacy



Original Color

145.4820, -38.1986, -21.4707

Protanomaly

149.7350, -41.7744, 5.4944

Deuteranomaly

151.1860, -39.0387, 14.7459

Tritanomaly

152.1150, -7.9447, -18.5179

Monochromacy



Original Color

145.4820, -38.1986, -21.4707

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.9870, -13.7976, -7.8816

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.4820, -38.1986, -21.4707 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(121, 173, 68)` looks like.

```
.text, #text, p{  
    color:rgb(121, 173, 68)  
}
```

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(121, 173, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 173, 68) }
```

Border

The CSS property to change the border of an element to YUV 145.4820, -38.1986, -21.4707 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(121, 173, 68) }
```


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

```
.border{ border-color:rgb(121, 173, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 173, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 173, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 173, 68);  
box-shadow:4px 4px 4px 4px rgb(121, 173,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 145.4820, -38.1986, -21.4707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 173, 68) }
```

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

```
.background{ background-color: rgb(121,  
173, 68) }
```

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