

Converting Colors

YUV(179.9610, -34.9838,
-72.7568)

Have a look what the booklet for
YUV(179.9610, -34.9838, -72.7568)
contains.

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Color

**YUV(179.9610, -34.9838,
-72.7568)**

Conversions

Conversions Part 1

Format	Color
Hex	61EC6D
RGB	97, 236, 109
RGB Percent	38%, 93%, 43%
CMY	0.6196, 0.0745, 0.5725
CMYK	0.59, 0.00, 0.54, 0.07
HSL	125°, 79%, 65%
HSV	125°, 59%, 93%
XYZ	37.6855, 63.6364, 24.7648
YIQ	179.9610, -42.0770, -68.9650

Conversions

Conversions Part 2

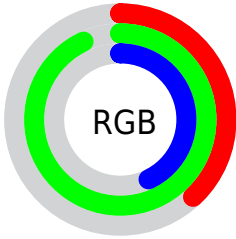
Format	Color
RYB	97, 225, 236
Decimal	6417517
CIELab	83.78, -62.75, 49.94
CIELCh	84, 80.197, 141.481
Yxy	63.6364, 0.2989, 0.5047
Android (android.graphics.Color)	4284607597 (0xFF61EC6D)
YUV	179.9610, -34.9838, -72.7568
Hunter-Lab	79.7724, -55.2761, 37.4345

Details

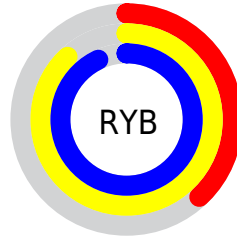
The YUV color **179.9610, -34.9838, -72.7568** is a dark color, and the websafe version is hex **66FF66**. A complement of this color would be **153.0390, 34.9838, 72.7568**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.8080, -26.0343, -49.8206**, and **113.2510, -28.2247, -94.0591** is the 20% darker color. If you saturate the color by 10%, you get **170.2770, -41.0556, -85.3119**, and if you desaturate by 10%, it is **189.6450, -28.9120, -60.2017**.

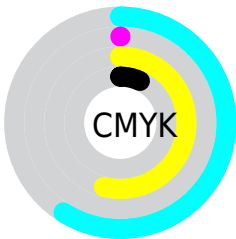
Distribution



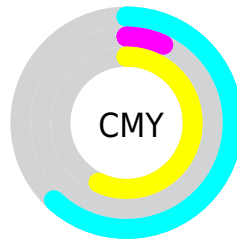
- Red (38%)
- Green (93%)
- Blue (43%)



- Red (38%)
- Yellow (88%)
- Blue (93%)



- Cyan (59%)
- Magenta (0%)
- Yellow (54%)
- Black (7%)



- Cyan (62%)
- Magenta (7%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.9610, -34.9838, -72.7568 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 179.9610, -34.9838, -72.7568 by changing the saturation by 10% instead.

■ 179.9610,
-34.9838, -72.7568

■ 179.9610,
-34.9838, -72.7568

255.0000, 0.0000,
0.0000

■ 149.8080,
-32.9363, -76.1306

■ 215.8080,
-26.0343, -49.8206

■ 113.2510,
-28.2247, -94.0591

■ 227.9700,
-18.2262, -34.1767

■ 91.8290, -31.4677,
-80.5340

■ 240.2460, -9.9813,
-18.6327

■ 72.7880, -35.8845,
-63.8351

■ 252.8210, -1.8838,
-2.4740

■ 57.5260, -28.3603,
-50.4503

■ 42.8510, -21.1255,
-37.5803

■ 29.3500, -14.4695,

-25.7399

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 179.9610,
-34.9838, -72.7568

■ 179.9610,
-34.9838, -72.7568

■ 170.2770,
-41.0556, -85.3119

■ 189.6450,
-28.9120, -60.2017

■ 161.0060,
-46.8380, -97.3523

■ 198.9160,
-23.1296, -48.1613

■ 151.3220,
-52.9097, -109.9074

■ 208.6000,
-17.0578, -35.6062

■ 142.0510,
-58.6921, -121.9477

■ 217.8710,
-11.2754, -23.5659

■ 140.8120,
-59.5603, -123.4921

■ 227.5550, -5.2036,
-11.0107

■ 237.1250, 0.4314,
1.6444

■ 243.8470, 5.4984,
9.7812

Harmonies

Analogous

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



193.6180, -71.2967, 1.2120



179.9610, -34.9838, -72.7568



163.6170, 10.0488, -143.4921

Triad

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



179.9610, -34.9838, -72.7568



160.5580, 46.5599, -140.8094



176.4370, -9.0894, 68.8998

Complementary

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



179.9610, -34.9838, -72.7568



153.0390, 34.9838, 72.7568

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.



183.9270, 24.6860, 62.3310



179.9610, -34.9838, -72.7568



195.5280, 29.3197, -24.1421

Square

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



179.9610, -34.9838, -72.7568



169.3630, 42.2190, -148.5314



201.5830, 26.3346, 46.8467



184.6480, -46.1685, 61.6987

Rectangle

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



179.9610, -34.9838, -72.7568



170.8330, 32.6203, -149.8205



201.5830, 26.3346, 46.8467



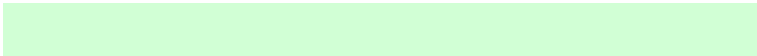
176.9390, 2.9881, 68.4595

Sweetspot

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



179.9610, -34.9838, -72.7568



236.4580, -11.5648, -24.0807



216.5660, -58.9460, 6.5196



116.3650, -7.0819, -15.2291



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.



179.9610, -34.9838, -72.7568



182.0710, -45.3910, -94.7783



187.8270, -4.8447, -79.6553



112.5710, -2.7465, -5.7628



108.0710, -45.3910, -94.7783



32.2680, -13.4431, -28.2990

Inverse Universe

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



153.0390, 34.9838, 72.7568



146.9290, 45.3910, 94.7783



145.1730, 4.8447, 79.6553



110.4290, 2.7465, 5.7628



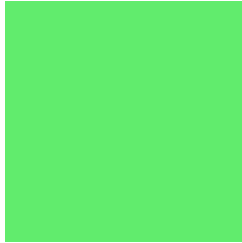
72.9290, 45.3910, 94.7783



21.7320, 13.4431, 28.2990

Previews

White Background



This preview shows how the YUV color 179.9610, -34.9838, -72.7568 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 179.9610, -34.9838, -72.7568 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 179.9610, -34.9838, -72.7568 Background



This preview shows how black text looks on a background with the YUV color 179.9610, -34.9838, -72.7568.



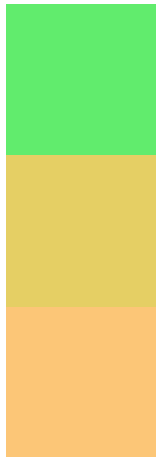
This preview shows how white text looks on a background with the YUV color 179.9610, -34.9838, -72.7568.

-72.7568.

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

179.9610, -34.9838, -72.7568

Protanopia

201.3800, -49.9803, 24.2227

Deuteranopia

205.1400, -42.4670, 41.0962



Tritanopia

196.2450, 21.5712, -58.9739

Trichromacy



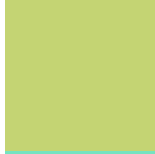
Original Color

179.9610, -34.9838, -72.7568



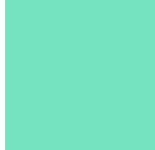
Protanomaly

193.8270, -44.7777, -11.2493



Deuteranomaly

196.1580, -40.0109, -0.1386



Tritanomaly

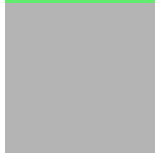
190.1200, 0.9268, -64.1262

Monochromacy



Original Color

179.9610, -34.9838, -72.7568



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

179.8060, -12.7224, -26.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.9610, -34.9838, -72.7568 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(97, 236, 109)` looks like.

```
.text, #text, p{  
    color:rgb(97, 236, 109)  
}
```

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(97, 236, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 236, 109) }
```

Border

The CSS property to change the border of an element to YUV 179.9610, -34.9838, -72.7568 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(97, 236, 109) }
```


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

```
.border{ border-color:rgb(97, 236, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 236, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 236, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 236, 109);  
box-shadow:4px 4px 4px 4px rgb(97, 236,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 179.9610, -34.9838, -72.7568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 236, 109) }
```

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

```
.background{ background-color: rgb(97, 236,  
109) }
```

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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