

Converting Colors

YUV(180.1590, -44.9414,
-5.4014)

Have a look what the booklet for
YUV(180.1590, -44.9414, -5.4014)
contains.

| | |
|--|----|
| YUV(180.1590, -44.9414, -5.4014) | 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(180.1590, -44.9414,
-5.4014)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AEC959 |
| RGB | 174, 201, 89 |
| RGB Percent | 68%, 79%, 35% |
| CMY | 0.3176, 0.2118, 0.6510 |
| CMYK | 0.13, 0.00, 0.56, 0.21 |
| HSL | 74°, 51%, 57% |
| HSV | 74°, 56%, 79% |
| XYZ | 40.1454, 51.4932, 17.2745 |
| YIQ | 180.1590, 19.8600, -40.5560 |

Conversions

Conversions Part 2

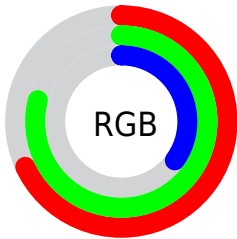
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 89, 201, 116 |
| Decimal | 11454809 |
| CIELab | 76.98, -25.61, 52.03 |
| CIELCh | 77, 57.997, 116.209 |
| Yxy | 51.4932, 0.3686, 0.4728 |
| Android (android.graphics.Color) | 4289644889 (0xFFAEC959) |
| YUV | 180.1590, -44.9414, -5.4014 |
| Hunter-Lab | 71.7588, -25.7162, 35.9583 |

Details

The YUV color **180.1590, -44.9414, -5.4014** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **109.8410, 44.9414, 5.4014**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9420, -45.8204, -3.4571**, and **125.8600, -44.7940, -6.0162** is the 20% darker color. If you saturate the color by 10%, you get **176.3840, -52.9403, -6.4758**, and if you desaturate by 10%, it is **183.9340, -36.9425, -4.3271**.

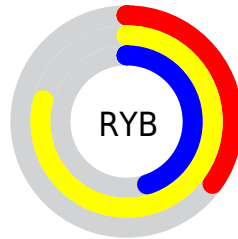
Distribution



Red (68%)

Green (79%)

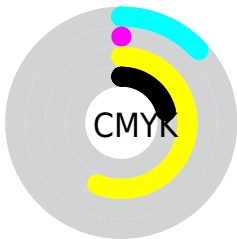
Blue (35%)



Red (35%)

Yellow (79%)

Blue (45%)

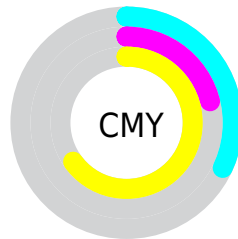


Cyan (13%)

Magenta (0%)

Yellow (56%)

Black (21%)



Cyan (32%)

Magenta (21%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.1590, -44.9414, -5.4014 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 180.1590, -44.9414, -5.4014 by changing the saturation by 10% instead.

■ 180.1590,
-44.9414, -5.4014

■ 180.1590,
-44.9414, -5.4014

255.0000, 0.0000,
0.0000

■ 152.9740,
-44.3572, -6.1162

■ 234.9420,
-45.8204, -3.4571

■ 125.8600,
-44.7940, -6.0162

■ 245.3100,
-37.1278, 8.4981

■ 98.5350, -48.5778,
-5.7312

■ 248.5020,
-24.8975, 5.6987

■ 76.0860, -37.5104,
-8.8454

■ 251.6940,
-12.6671, 2.8994

■ 54.5230, -26.8798,
-11.8597

■ 32.9380, -16.2384,
-18.3626

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 180.1590,
-44.9414, -5.4014

■ 180.1590,
-44.9414, -5.4014

■ 176.3840,
-52.9403, -6.4758

■ 183.9340,
-36.9425, -4.3271

■ 172.6090,
-60.9392, -7.5501

■ 187.7090,
-28.9435, -3.2528

■ 168.8340,
-68.9382, -8.6244

■ 191.4840,
-20.9446, -2.1785

■ 165.3580,
-77.0845, -9.0840

■ 194.9600,
-12.7983, -1.7189

■ 163.7340,
-80.7209, -9.4137

■ 198.8490, -4.3626,
-0.7446

■ 202.6240, 3.6364,
0.3298

■ 206.3990, 11.6353,
1.4041

■ 210.1740, 19.6342,
2.4784

■ 212.2390, 21.0812,
5.0524

Harmonies

Analogous

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



185.4740, -52.4917, 36.4183



180.1590, -44.9414, -5.4014



171.0290, -21.2133, -56.1534

Triad

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



180.1590, -44.9414, -5.4014



152.9270, 50.3220, -134.1170



183.4590, 7.6617, 62.7415

Complementary

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



180.1590, -44.9414, -5.4014



109.8410, 44.9414, 5.4014

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.



195.5230, 27.3502, 47.7763



180.1590, -44.9414, -5.4014



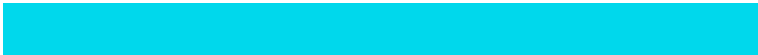
163.2360, 45.2397, -90.5380

Square

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



180.1590, -44.9414, -5.4014



153.6960, 40.5759, -134.7914



188.5610, 32.7544, -5.7540



179.7650, -16.6461, 65.9811

Rectangle

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



180.1590, -44.9414, -5.4014



146.8800, 7.9472, -122.6748



188.5610, 32.7544, -5.7540



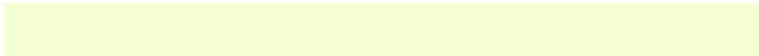
187.2720, 14.6559, 59.3975

Sweetspot

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



180.1590, -44.9414, -5.4014



247.1080, -17.3082, -1.8487



137.7500, -24.0338, 55.4703



122.9430, -10.3249, -1.7040



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.



180.1590, -44.9414, -5.4014



223.2470, -68.6488, -8.1096



163.7140, -36.8340, -39.2142



97.3760, -3.6364, -0.3298



132.7570, -65.4492, -7.6799



29.2050, -14.3981, -1.9338

Inverse Universe

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



109.8410, 44.9414, 5.4014



115.7530, 68.6488, 8.1096



126.2860, 36.8340, 39.2142



91.6240, 3.6364, 0.3298



30.2430, 65.4492, 7.6799



6.7950, 14.3981, 1.9338

Previews

White Background



This preview shows how the YUV color 180.1590, -44.9414, -5.4014 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 180.1590, -44.9414, -5.4014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

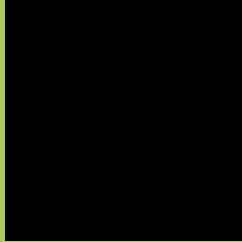
Any Text WCAG AA ✓ Pass

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 180.1590, -44.9414, -5.4014 Background



This preview shows how black text looks on a background with the YUV color 180.1590, -44.9414, -5.4014.



This preview shows how white text looks on a background with the YUV color 180.1590, -44.9414, -5.4014.

-5.4014.

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

180.1590, -44.9414, -5.4014

Protanopia

184.1240, -48.3751, 22.6933

Deuteranopia

186.7440, -45.2298, 40.5665



Tritanopia

190.1120, 6.8468, -2.7292

Trichromacy



Original Color

180.1590, -44.9414, -5.4014

Protanomaly

182.6990, -47.1796, 12.5420

Deuteranomaly

184.3460, -45.0336, 24.2526

Tritanomaly

186.1770, -11.9193, -3.6632

Monochromacy



Original Color

180.1590, -44.9414, -5.4014

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.3360, -16.4346, -2.0487

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.1590, -44.9414, -5.4014 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(174, 201, 89)` looks like.

```
.text, #text, p{  
    color:rgb(174, 201, 89)  
}
```

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(174, 201, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 201, 89) }
```

Border

The CSS property to change the border of an element to YUV 180.1590, -44.9414, -5.4014 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(174, 201, 89) }
```


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

```
.border{ border-color:rgb(174, 201, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 201, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 201, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 201, 89);  
box-shadow:4px 4px 4px 4px rgb(174, 201,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 180.1590, -44.9414, -5.4014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 201, 89) }
```

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

```
.background{ background-color: rgb(174,  
201, 89) }
```

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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