

Converting Colors

YUV(178.5290, -29.8408,
-89.0409)

Have a look what the booklet for
YUV(178.5290, -29.8408, -89.0409)
contains.

YUV(178.5290, -29.8408, -89.0409)	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(178.5290, -29.8408,
-89.0409)**

Conversions

Conversions Part 1

Format	Color
Hex	4DF276
RGB	77, 242, 118
RGB Percent	30%, 95%, 46%
CMY	0.6980, 0.0510, 0.5373
CMYK	0.68, 0.00, 0.51, 0.05
HSL	135°, 86%, 63%
HSV	135°, 68%, 95%
XYZ	38.0827, 66.3900, 27.9469
YIQ	178.5290, -58.5360, -73.5440

Conversions

Conversions Part 2

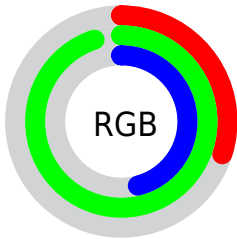
Format	Color
RYB	77, 209, 242
Decimal	5108342
CIELab	85.19, -67.58, 47.37
CIELCh	85, 82.526, 144.969
Yxy	66.3900, 0.2876, 0.5014
Android (android.graphics.Color)	4283298422 (0xFF4DF276)
YUV	178.5290, -29.8408, -89.0409
Hunter-Lab	81.4801, -59.1616, 36.7001

Details

The YUV color **178.5290, -29.8408, -89.0409** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle washed spring green. A complement of this color would be **140.4710, 29.8408, 89.0409**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.3490, -19.8921, -59.9421**, and **115.5320, -24.4193, -101.3216** is the 20% darker color. If you saturate the color by 10%, you get **169.3010, -34.1654, -101.9960**, and if you desaturate by 10%, it is **187.7570, -25.5162, -76.0859**.

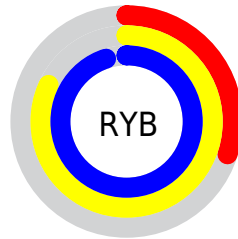
Distribution



Red (30%)

Green (95%)

Blue (46%)



Red (30%)

Yellow (82%)

Blue (95%)

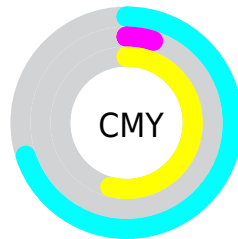


Cyan (68%)

Magenta (0%)

Yellow (51%)

Black (5%)



Cyan (70%)

Magenta (5%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.5290, -29.8408, -89.0409 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 178.5290, -29.8408, -89.0409 by changing the saturation by 10% instead.

178.5290,
-29.8408, -89.0409

178.5290,
-29.8408, -89.0409

255.0000, 0.0000,
0.0000

144.4890,
-25.8771, -100.4069

212.3490,
-19.8921, -59.9421

115.5320,
-24.4193, -101.3216

224.8100,
-12.2313, -43.6834

96.6050, -28.3993,
-84.7226

237.3850, -4.1338,
-27.5246

76.2930, -35.1474,
-66.9090

249.6180, 2.6533,
-11.0660

60.4610, -29.8073,
-53.0243

45.1990, -22.2831,
-39.6395

31.6980, -15.6271,

-27.7991

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 178.5290,
-29.8408, -89.0409

■ 178.5290,
-29.8408, -89.0409

■ 169.3010,
-34.1654, -101.9960

■ 187.7570,
-25.5162, -76.0859

■ 160.0730,
-38.4900, -114.9510


■ 196.9850,
-21.1916, -63.1308


■ 150.4320,
-43.1040, -128.4209


■ 206.6260,
-16.5776, -49.6610

■ 148.8940,
-43.8247, -130.5800

■ 215.8540,
-12.2530, -36.7060

 225.0820, -7.9284,
-23.7509

 234.3100, -3.6038,
-10.7959

 243.5380, 0.7208,
2.1592

 247.3690, 3.7621,
6.6924

Harmonies

Analogous

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



195.9760, -70.9802, -6.9950



178.5290, -29.8408, -89.0409



168.6210, 13.9908, -147.8806

Triad

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



178.5290, -29.8408, -89.0409



161.7320, 45.9811, -141.8390



178.1010, -12.8678, 67.4404

Complementary

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



178.5290, -29.8408, -89.0409



140.4710, 29.8408, 89.0409

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.



183.3570, 22.5020, 62.8309



178.5290, -29.8408, -89.0409



201.5080, 26.3716, -11.8465

Square

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



178.5290, -29.8408, -89.0409



171.7110, 41.0615, -150.5905



200.9960, 26.6240, 47.3615



187.3720, -50.9624, 59.3098

Rectangle

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



178.5290, -29.8408, -89.0409



175.3640, 37.2885, -153.7942



200.9960, 26.6240, 47.3615



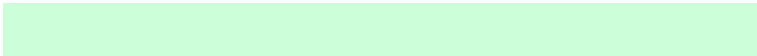
177.4290, -0.2115, 68.0298

Sweetspot

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



178.5290, -29.8408, -89.0409



235.4190, -9.0806, -27.5545



211.5290, -66.3228, -7.4799



116.1090, -5.4767, -16.7586



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.



178.5290, -29.8408, -89.0409



174.6110, -37.7692, -112.7918



187.6490, 5.1030, -97.0392



115.3860, -2.1623, -6.4775



113.2520, -33.1552, -99.3220



34.4680, -10.0907, -30.2284

Inverse Universe

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



140.4710, 29.8408, 89.0409



126.3890, 37.7692, 112.7918



131.3510, -5.1030, 97.0392



112.6140, 2.1623, 6.4775



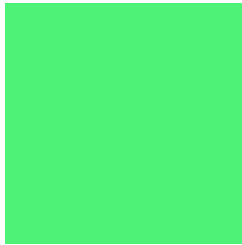
70.7480, 33.1552, 99.3220



21.5320, 10.0907, 30.2284

Previews

White Background



This preview shows how the YUV color 178.5290, -29.8408, -89.0409 looks on a white background.

Color Contrast Check

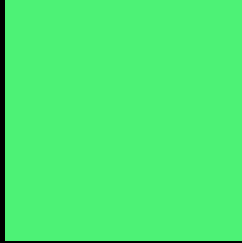
Large Text (above 18pt) WCAG AA × Fail

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 178.5290, -29.8408, -89.0409 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 178.5290, -29.8408, -89.0409 Background



This preview shows how black text looks on a background with the YUV color 178.5290, -29.8408, -89.0409.



This preview shows how white text looks on a background with the YUV color 178.5290, -29.8408, -89.0409.

-89.0409.

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

178.5290, -29.8408, -89.0409

Protanopia

205.7220, -48.6699, 23.9228

Deuteranopia

209.0520, -38.9726, 40.2964



Tritanopia

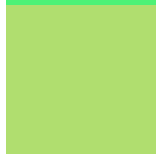
196.8630, 24.2245, -70.0399

Trichromacy



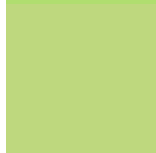
Original Color

178.5290, -29.8408, -89.0409



Protanomaly

195.5920, -41.7039, -17.1822



Deuteranomaly

197.9660, -35.4792, -6.9862



Tritanomaly

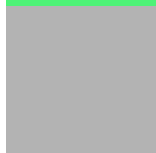
189.9550, 4.4592, -77.1365

Monochromacy



Original Color

178.5290, -29.8408, -89.0409



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

178.9300, -10.8115, -32.3876

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.5290, -29.8408, -89.0409 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(77, 242, 118)` looks like.

```
.text, #text, p{  
    color:rgb(77, 242, 118)  
}
```

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(77, 242, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 242, 118) }
```

Border

The CSS property to change the border of an element to YUV 178.5290, -29.8408, -89.0409 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(77, 242, 118) }
```


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

```
.border{ border-color:rgb(77, 242, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 242, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(77, 242, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(77, 242, 118); box-shadow:4px 4px 4px 4px rgb(77, 242, 118) }
```

Background

The CSS property to change the background color of an element to YUV 178.5290, -29.8408, -89.0409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 242, 118) }
```

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

```
.background{ background-color: rgb(77, 242,  
118) }
```

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