

Converting Colors

YUV(175.0080, -69.5169,
-9.6540)

Have a look what the booklet for
YUV(175.0080, -69.5169, -9.6540)
contains.

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Color

**YUV(175.0080, -69.5169,
-9.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	A4D022
RGB	164, 208, 34
RGB Percent	64%, 82%, 13%
CMY	0.3569, 0.1843, 0.8667
CMYK	0.21, 0.00, 0.84, 0.18
HSL	75°, 72%, 47%
HSV	75°, 84%, 82%
XYZ	38.1545, 53.1198, 9.7556
YIQ	175.0080, 29.6300, -63.4420

Conversions

Conversions Part 2

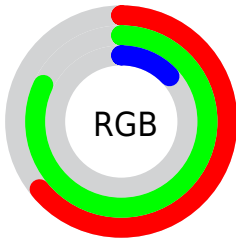
Format	Color
RYB	34, 208, 78
Decimal	10801186
CIELab	77.95, -36.10, 72.48
CIELCh	78, 80.973, 116.474
Yxy	53.1198, 0.3777, 0.5258
Android (android.graphics.Color)	4288991266 (0xFFA4D022)
YUV	175.0080, -69.5169, -9.6540
Hunter-Lab	72.8833, -34.1009, 43.0822

Details

The YUV color **175.0080, -69.5169, -9.6540** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **66.9920, 69.5169, 9.6540**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4200, -64.2971, -3.8763**, and **121.8040, -60.0494, -12.9831** is the 20% darker color. If you saturate the color by 10%, you get **171.1190, -77.9527, -10.6284**, and if you desaturate by 10%, it is **178.8970, -61.0812, -8.6797**.

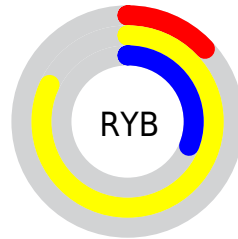
Distribution



Red (64%)

Green (82%)

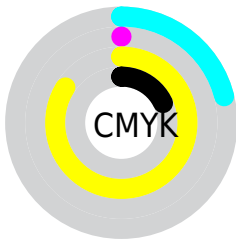
Blue (13%)



Red (13%)

Yellow (82%)

Blue (31%)

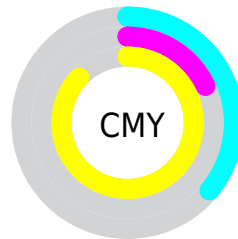


Cyan (21%)

Magenta (0%)

Yellow (84%)

Black (18%)



Cyan (36%)

Magenta (18%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.0080, -69.5169, -9.6540 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 175.0080, -69.5169, -9.6540 by changing the saturation by 10% instead.

■ 175.0080,
-69.5169, -9.6540

■ 175.0080,
-69.5169, -9.6540

■ 255.0000, 0.0000,
0.0000

■ 146.0250,
-71.9903, -9.6689

■ 227.4200,
-64.2971, -3.8763

■ 121.8040,
-60.0494, -12.9831

■ 239.6960,
-56.0521, 11.6676

■ 98.1700, -48.3978,
-16.8121

■ 243.6000,
-43.6798, 9.9978

■ 74.8240, -36.8882,
-21.7706

■ 246.7920,
-31.4495, 7.1984

■ 50.5700, -24.9310,
-30.3179

■ 250.0980,
-18.7823, 4.2991

■ 31.6980, -15.6271,
-27.7991

■ 253.5180, -5.6784,

■ 20.5450, -10.1287,

1.2997

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 175.0080,
-69.5169, -9.6540

■ 175.0080,
-69.5169, -9.6540

■ 171.1190,
-77.9527, -10.6284

■ 178.8970,
-61.0812, -8.6797

■ 168.4410,
-83.0414, -11.7878

■ 183.0850,
-52.7929, -7.0905

■ 186.8600,
-44.7940, -6.0162

■ 190.7490,
-36.3583, -5.0419

■ 194.6380,
-27.9225, -4.0675

■ 198.8260,
-19.6342, -2.4784

■ 202.7150,
-11.1985, -1.5041

■ 206.4900, -3.1996,
-0.4297

■ 210.3790, 5.2362,
0.5446

Harmonies

Analogous

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



180.0450, -88.7622, 49.9495



175.0080, -69.5169, -9.6540



153.5430, -24.4247, -99.5772

Triad

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



175.0080, -69.5169, -9.6540



158.7970, 47.4281, -139.2650



168.2940, 18.0961, 76.0412

Complementary

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



175.0080, -69.5169, -9.6540



66.9920, 69.5169, 9.6540

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.



188.6690, 32.7012, 58.1723



175.0080, -69.5169, -9.6540



148.8180, 52.3477, -130.5134

Square

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



175.0080, -69.5169, -9.6540



162.3190, 45.6917, -142.3538



184.9950, 34.5125, -9.6426



164.4400, -16.9789, 79.4211

Rectangle

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



175.0080, -69.5169, -9.6540



150.3320, 2.3013, -131.8412



184.9950, 34.5125, -9.6426



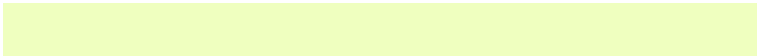
174.0790, 27.5691, 70.9677

Sweetspot

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



175.0080, -69.5169, -9.6540



242.9200, -25.5966, -3.4378



111.8540, -38.3820, 84.3200



120.5640, -15.5611, -2.2486



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.



175.0080, -69.5169, -9.6540



206.7940, -101.9494, -13.8513



149.2940, -56.8399, -62.5248



102.8490, -4.3626, -0.7446



136.2900, -67.1910, -9.0243



33.0370, -16.2872, -2.6634

Inverse Universe

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



66.9920, 69.5169, 9.6540



48.2060, 101.9494, 13.8513



92.7060, 56.8399, 62.5248



96.1510, 4.3626, 0.7446



32.0090, 67.0436, 9.6391



7.6640, 16.4346, 2.0487

Previews

White Background



This preview shows how the YUV color 175.0080, -69.5169, -9.6540 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 175.0080, -69.5169, -9.6540 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 175.0080, -69.5169, -9.6540 Background



This preview shows how black text looks on a background with the YUV color 175.0080, -69.5169, -9.6540.



This preview shows how white text looks on a background with the YUV color 175.0080, -69.5169, -9.6540.

-9.6540.

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

175.0080, -69.5169, -9.6540

Protanopia

181.2950, -74.5884, 30.4363

Deuteranopia

184.4790, -66.7911, 49.5689



Tritanopia

191.8230, 8.4683, -9.4918

Trichromacy



Original Color

175.0080, -69.5169, -9.6540

Protanomaly

178.6630, -72.7979, 16.0815

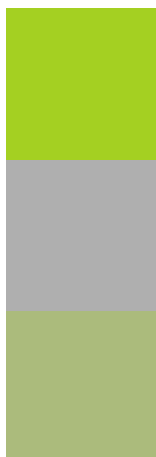
Deuteranomaly

180.8200, -67.4523, 28.2219

Tritanomaly

185.6680, -20.0493, -9.3558

Monochromacy



Original Color

175.0080, -69.5169, -9.6540

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.0340, -25.1598, -3.5378

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.0080, -69.5169, -9.6540 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(164, 208, 34)` looks like.

```
.text, #text, p{  
    color:rgb(164, 208, 34)  
}
```

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(164, 208, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 208, 34) }
```

Border

The CSS property to change the border of an element to YUV 175.0080, -69.5169, -9.6540 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(164, 208, 34) }
```


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

```
.border{ border-color:rgb(164, 208, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 208, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 208, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 208, 34);  
box-shadow:4px 4px 4px 4px rgb(164, 208,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 175.0080, -69.5169, -9.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 208, 34) }
```

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

```
.background{ background-color: rgb(164,  
208, 34) }
```

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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