

Converting Colors

YUV(166.4380, -75.1519,
-22.3091)

Have a look what the booklet for
YUV(166.4380, -75.1519, -22.3091)
contains.

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Color

**YUV(166.4380, -75.1519,
-22.3091)**

Conversions

Conversions Part 1

Format	Color
Hex	8DD10E
RGB	141, 209, 14
RGB Percent	55%, 82%, 5%
CMY	0.4471, 0.1804, 0.9451
CMYK	0.33, 0.00, 0.93, 0.18
HSL	81°, 87%, 44%
HSV	81°, 93%, 82%
XYZ	33.8642, 51.2954, 8.5316
YIQ	166.4380, 22.0670, -75.0610

Conversions

Conversions Part 2

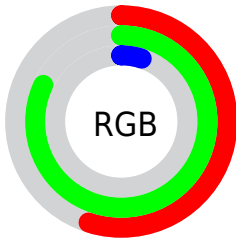
Format	Color
RYB	14, 209, 82
Decimal	9294094
CIELab	76.86, -45.79, 74.52
CIELCh	77, 87.458, 121.568
Yxy	51.2954, 0.3614, 0.5475
Android (android.graphics.Color)	4287484174 (0xFF8DD10E)
YUV	166.4380, -75.1519, -22.3091
Hunter-Lab	71.6208, -40.9367, 43.0718

Details

The YUV color **166.4380, -75.1519, -22.3091** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **56.5620, 75.1519, 22.3091**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.5170, -64.8379, -17.1164**, and **115.2150, -56.8010, -28.2526** is the 20% darker color. If you saturate the color by 10%, you get **163.3470, -80.5301, -23.9833**, and if you desaturate by 10%, it is **170.9250, -67.0110, -20.1052**.

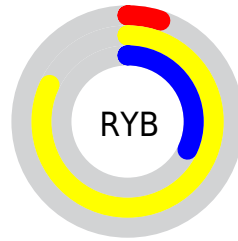
Distribution



Red (55%)

Green (82%)

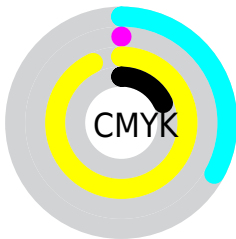
Blue (5%)



Red (5%)

Yellow (82%)

Blue (32%)

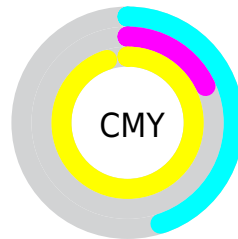


Cyan (33%)

Magenta (0%)

Yellow (93%)

Black (18%)



Cyan (45%)

Magenta (18%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4380, -75.1519, -22.3091 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 166.4380, -75.1519, -22.3091 by changing the saturation by 10% instead.

■ 166.4380,
-75.1519, -22.3091

■ 166.4380,
-75.1519, -22.3091

■ 255.0000, 0.0000,
0.0000

■ 139.7350,
-68.8894, -24.3236

■ 219.5170,
-64.8379, -17.1164

■ 115.2150,
-56.8010, -28.2526

■ 231.7930,
-56.5929, -1.5725

■ 90.6840, -44.7072,
-33.9259

■ 242.5740,
-47.6110, 10.8976

■ 63.1630, -31.1394,
-45.7470

■ 245.8800,
-34.9438, 7.9982

■ 45.1990, -22.2831,
-39.6395

■ 249.1860,
-22.2767, 5.0989

■ 31.6980, -15.6271,
-27.7991

■ 252.4920, -9.6096,

■ 18.7840, -9.2605,

2.1995

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 166.4380,
-75.1519, -22.3091

■ 166.4380,
-75.1519, -22.3091

■ 163.3470,
-80.5301, -23.9833

■ 170.9250,
-67.0110, -20.1052

■ 175.7110,
-59.0175, -17.2865

■ 180.1980,
-50.8766, -15.0826

■ 184.6850,
-42.7357, -12.8787

■ 189.1720,
-34.5948, -10.6748

■ 193.8440,
-27.0381, -7.7562

■ 198.3310,
-18.8972, -5.5523

■ 202.8180,
-10.7563, -3.3484

■ 207.6040, -2.7628,
-0.5297

Harmonies

Analogous

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



177.0330, -87.2773, 40.3131



166.4380, -75.1519, -22.3091



142.0390, -16.7812, -124.5682

Triad

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



166.4380, -75.1519, -22.3091



157.0360, 48.2963, -137.7206



157.0780, 15.7375, 85.8776

Complementary

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



166.4380, -75.1519, -22.3091



56.5620, 75.1519, 22.3091

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.



179.2770, 37.3314, 66.4091



166.4380, -75.1519, -22.3091



145.2960, 54.0841, -127.4246

Square

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



166.4380, -75.1519, -22.3091



161.7320, 45.9811, -141.8390



183.6210, 35.1898, 6.4714



158.0510, -23.6891, 85.0243

Rectangle

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



166.4380, -75.1519, -22.3091



150.6570, 6.0851, -132.1262



183.6210, 35.1898, 6.4714



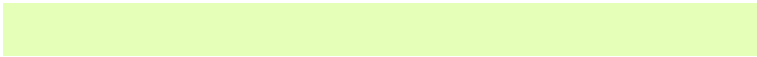
162.5040, 26.3735, 81.1190

Sweetspot

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



166.4380, -75.1519, -22.3091



239.4310, -27.3275, -8.2710



110.4600, -47.5548, 86.4196



118.2000, -16.8606, -5.4374



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.



166.4380, -75.1519, -22.3091



199.3190, -98.2643, -29.2208



138.0330, -61.1483, -80.7129



102.5500, -4.2152, -1.3594



131.5060, -64.8325, -18.8608



32.1400, -15.8450, -4.5078

Inverse Universe

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



56.5620, 75.1519, 22.3091



55.6810, 98.2643, 29.2208



84.9670, 61.1483, 80.7129



96.4500, 4.2152, 1.3594



36.7930, 64.6851, 19.4755



8.8600, 15.8450, 4.5078

Previews

White Background



This preview shows how the YUV color 166.4380, -75.1519, -22.3091 looks on a white background.

Color Contrast Check

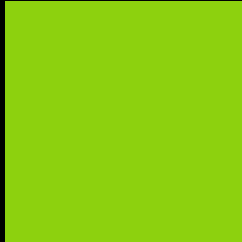
Large Text (above 18pt) WCAG AA × Fail

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 166.4380, -75.1519, -22.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

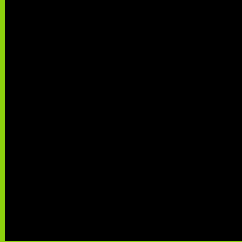
Any Text WCAG AA ✓ Pass

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 166.4380, -75.1519, -22.3091 Background



This preview shows how black text looks on a background with the YUV color 166.4380, -75.1519, -22.3091.



This preview shows how white text looks on a background with the YUV color 166.4380, -75.1519, -22.3091.

-22.3091.

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

166.4380, -75.1519, -22.3091

Protanopia

174.6300, -86.0926, 33.6505

Deuteranopia

181.0230, -68.5383, 49.9688



Tritanopia

186.2560, 11.7058, -21.2725

Trichromacy



Original Color

166.4380, -75.1519, -22.3091

Protanomaly

171.5350, -82.1018, 13.5628

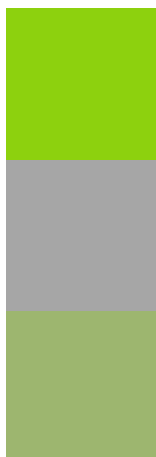
Deuteranomaly

175.8750, -70.9304, 23.7886

Tritanomaly

178.7050, -19.5746, -21.6663

Monochromacy



Original Color

166.4380, -75.1519, -22.3091

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.4310, -27.3275, -8.2710

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4380, -75.1519, -22.3091 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(141, 209, 14)` looks like.

```
.text, #text, p{  
    color:rgb(141, 209, 14)  
}
```

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(141, 209, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 209, 14) }
```

Border

The CSS property to change the border of an element to YUV 166.4380, -75.1519, -22.3091 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(141, 209, 14) }
```


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

```
.border{ border-color:rgb(141, 209, 14) }
```

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

Here you see how a box with a 4 pixel rgb(141, 209, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 209, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 209, 14);  
box-shadow:4px 4px 4px 4px rgb(141, 209,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 166.4380, -75.1519, -22.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 209, 14) }
```

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

```
.background{ background-color: rgb(141,  
209, 14) }
```

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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