

Converting Colors

YUV(179.3620, -46.5205,
-59.0765)

Have a look what the booklet for
YUV(179.3620, -46.5205, -59.0765)
contains.

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Color

**YUV(179.3620, -46.5205,
-59.0765)**

Conversions

Conversions Part 1

Format	Color
Hex	70E855
RGB	112, 232, 85
RGB Percent	44%, 91%, 33%
CMY	0.5608, 0.0902, 0.6667
CMYK	0.52, 0.00, 0.63, 0.09
HSL	109°, 76%, 62%
HSV	109°, 63%, 91%
XYZ	37.1784, 61.8138, 18.5661
YIQ	179.3620, -24.3330, -71.1570

Conversions

Conversions Part 2

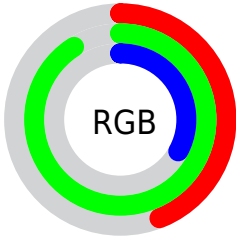
Format	Color
RYB	85, 232, 205
Decimal	7399509
CIELab	82.81, -60.26, 59.46
CIELCh	83, 84.657, 135.378
Yxy	61.8138, 0.3163, 0.5258
Android (android.graphics.Color)	4285589589 (0xFF70E855)
YUV	179.3620, -46.5205, -59.0765
Hunter-Lab	78.6218, -53.1797, 41.0342

Details

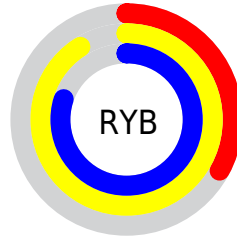
The YUV color **179.3620, -46.5205, -59.0765** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **137.6380, 46.5205, 59.0765**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0730, -37.9970, -39.5290**, and **118.7310, -46.2094, -65.5391** is the 20% darker color. If you saturate the color by 10%, you get **171.0590, -53.7661, -68.4577**, and if you desaturate by 10%, it is **187.6650, -39.2748, -49.6952**.

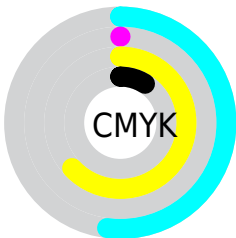
Distribution



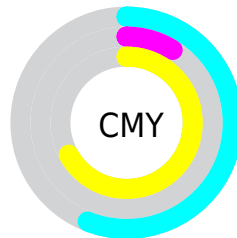
- Red (44%)
- Green (91%)
- Blue (33%)



- Red (33%)
- Yellow (91%)
- Blue (80%)



- Cyan (52%)
- Magenta (0%)
- Yellow (63%)
- Black (9%)



- Cyan (56%)
- Magenta (9%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.3620, -46.5205, -59.0765 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 179.3620, -46.5205, -59.0765 by changing the saturation by 10% instead.

■ 179.3620,
-46.5205, -59.0765

■ 179.3620,
-46.5205, -59.0765

255.0000, 0.0000,
0.0000

■ 149.8780,
-45.7889, -60.4060

■ 217.0730,
-37.9970, -39.5290

■ 118.7310,
-46.2094, -65.5391

■ 229.2350,
-30.1889, -23.8851

■ 86.8760, -42.8299,
-76.1903

■ 241.3970,
-22.3807, -8.2412

■ 71.0270, -35.0163,
-62.2907

■ 251.5800,
-13.1039, 2.9993

■ 55.7650, -27.4921,
-48.9059

■ 41.0900, -20.2574,
-36.0359

■ 27.5890, -13.6014,

-24.1956

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,
0.0000

■ 179.3620,
-46.5205, -59.0765

■ 179.3620,
-46.5205, -59.0765

■ 171.0590,
-53.7661, -68.4577

■ 187.6650,
-39.2748, -49.6952

■ 162.7560,
-61.0117, -77.8390

■ 195.9680,
-32.0292, -40.3139

■ 154.3390,
-68.6941, -87.1203

■ 204.3850,
-24.3468, -31.0326

■ 149.0410,
-73.4772, -92.9980

■ 212.6880,
-17.1012, -21.6514

■ 220.9910, -9.8556,
-12.2701

■ 229.2940, -2.6099,
-2.8888

■ 237.5970, 4.6357,
6.4924

■ 241.4990, 6.6560,
11.8404

Harmonies

Analogous

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



188.8960, -89.6747, 15.8772



179.3620, -46.5205, -59.0765



160.0490, 1.4548, -140.3630

Triad

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



179.3620, -46.5205, -59.0765



161.7320, 45.9811, -141.8390



170.6470, -0.8120, 73.9776

Complementary

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



179.3620, -46.5205, -59.0765



137.6380, 46.5205, 59.0765

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.



182.7020, 32.6849, 63.4053



179.3620, -46.5205, -59.0765



182.6380, 35.6745, -55.8105

Square

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



179.3620, -46.5205, -59.0765



169.3630, 42.2190, -148.5314



202.7570, 25.7558, 45.8171



177.4730, -40.6592, 67.9912

Rectangle

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



179.3620, -46.5205, -59.0765



167.6070, 25.3367, -146.9913



202.7570, 25.7558, 45.8171



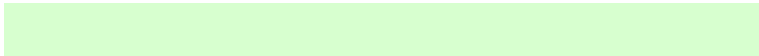
171.8500, 11.4130, 72.9226

Sweetspot

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



179.3620, -46.5205, -59.0765



237.5680, -15.0700, -19.7921



198.2190, -55.8170, 29.6259



117.4040, -9.5662, -11.7553



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.



179.3620, -46.5205, -59.0765



185.6420, -61.4485, -77.7390



176.3050, -23.3214, -80.0745



110.6420, -3.7675, -4.9480



114.9400, -56.6654, -71.8614



32.6280, -16.0856, -20.7218

Inverse Universe

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



137.6380, 46.5205, 59.0765



130.3580, 61.4485, 77.7390



140.6950, 23.3214, 80.0745



107.3580, 3.7675, 4.9480



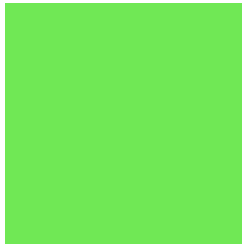
64.0600, 56.6654, 71.8614



18.3720, 16.0856, 20.7218

Previews

White Background



This preview shows how the YUV color 179.3620, -46.5205, -59.0765 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 179.3620, -46.5205, -59.0765 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 179.3620, -46.5205, -59.0765 Background



This preview shows how black text looks on a background with the YUV color 179.3620, -46.5205, -59.0765.



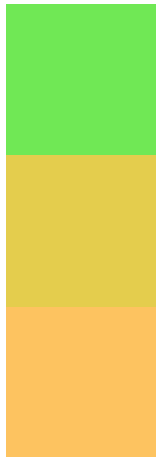
This preview shows how white text looks on a background with the YUV color 179.3620, -46.5205, -59.0765.

-59.0765.

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

179.3620, -46.5205, -59.0765

Protanopia

197.2850, -59.3005, 26.9371

Deuteranopia

201.0560, -51.7926, 45.5549



Tritanopia

196.3280, 19.0653, -48.5227

Trichromacy



Original Color

179.3620, -46.5205, -59.0765



Protanomaly

190.9390, -54.6929, -4.3315



Deuteranomaly

192.9820, -49.7841, 7.9088



Tritanomaly

189.7040, -4.7841, -52.3604

Monochromacy



Original Color

179.3620, -46.5205, -59.0765



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

179.1010, -16.8118, -21.1366

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.3620, -46.5205, -59.0765 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(112, 232, 85)` looks like.

```
.text, #text, p{  
    color:rgb(112, 232, 85)  
}
```

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(112, 232, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 232, 85) }
```

Border

The CSS property to change the border of an element to YUV 179.3620, -46.5205, -59.0765 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(112, 232, 85) }
```


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

```
.border{ border-color:rgb(112, 232, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 232, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 232, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 232, 85);  
box-shadow:4px 4px 4px 4px rgb(112, 232,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 179.3620, -46.5205, -59.0765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 232, 85) }
```

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

```
.background{ background-color: rgb(112,  
232, 85) }
```

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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