

Converting Colors

YUV(174.4340, -65.7830,
-40.7226)

Have a look what the booklet for
YUV(174.4340, -65.7830, -40.7226)
contains.

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Color

**YUV(174.4340, -65.7830,
-40.7226)**

Conversions

Conversions Part 1

Format	Color
Hex	80E029
RGB	128, 224, 41
RGB Percent	50%, 88%, 16%
CMY	0.4980, 0.1216, 0.8392
CMYK	0.43, 0.00, 0.82, 0.12
HSL	91°, 75%, 52%
HSV	91°, 82%, 88%
XYZ	35.9580, 58.0606, 11.4095
YIQ	174.4340, 1.5270, -77.2650

Conversions

Conversions Part 2

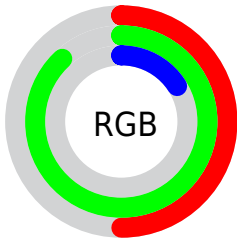
Format	Color
RYB	41, 224, 137
Decimal	8445993
CIELab	80.77, -55.50, 72.56
CIElCh	81, 91.352, 127.412
Yxy	58.0606, 0.3411, 0.5507
Android (android.graphics.Color)	4286636073 (0xFF80E029)
YUV	174.4340, -65.7830, -40.7226
Hunter-Lab	76.1975, -49.1106, 44.4604

Details

The YUV color **174.4340, -65.7830, -40.7226** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **90.5660, 65.7830, 40.7226**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.7530, -56.0802, -26.0934**, and **118.3500, -58.3465, -45.9109** is the 20% darker color. If you saturate the color by 10%, you get **168.3380, -73.6236, -45.9004**, and if you desaturate by 10%, it is **180.5300, -57.9423, -35.5448**.

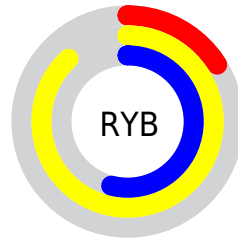
Distribution



Red (50%)

Green (88%)

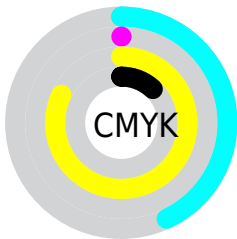
Blue (16%)



Red (16%)

Yellow (88%)

Blue (54%)

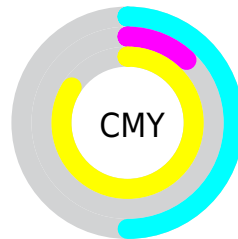


Cyan (43%)

Magenta (0%)

Yellow (82%)

Black (12%)



Cyan (50%)

Magenta (12%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.4340, -65.7830, -40.7226 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 174.4340, -65.7830, -40.7226 by changing the saturation by 10% instead.

■ 174.4340,
-65.7830, -40.7226

■ 174.4340,
-65.7830, -40.7226

■ 255.0000, 0.0000,
0.0000

■ 144.3540,
-71.1665, -40.6525

■ 217.7530,
-56.0802, -26.0934

■ 118.3500,
-58.3465, -45.9109

■ 229.9150,
-48.2721, -10.4495

■ 90.5410, -44.6367,
-56.6025

■ 242.1910,
-40.0272, 5.0945

■ 67.5050, -33.2800,
-59.2019

■ 247.5900,
-28.3919, 6.4986

■ 52.2430, -25.7558,
-45.8171

■ 250.8960,
-15.7247, 3.5992

■ 37.5680, -18.5210,
-32.9471

■ 254.3160, -2.6208,

■ 24.6540, -12.1544,

0.5999

-21.6216

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 174.4340,
-65.7830, -40.7226

■ 174.4340,
-65.7830, -40.7226

■ 168.3380,
-73.6236, -45.9004

■ 180.5300,
-57.9423, -35.5448

■ 163.1820,
-80.4487, -50.1486

■ 186.7400,
-49.6648, -30.4670

■ 192.5370,
-41.6767, -25.9039

■ 198.7470,
-33.3993, -20.8261

■ 204.8430,
-25.5586, -15.6483

■ 210.9390,
-17.7179, -10.4705

■ 216.8500, -9.2930,
-6.0074

■ 222.9460, -1.4524,
-0.8296

■ 229.1560, 6.8251,
4.2482

Harmonies

Analogous

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



185.5280, -91.4653, 30.2319



174.4340, -65.7830, -40.7226



152.8790, -10.7863, -134.0749

Triad

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



174.4340, -65.7830, -40.7226



162.3190, 45.6917, -142.3538



159.9160, 11.3804, 83.3887

Complementary

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



174.4340, -65.7830, -40.7226



90.5660, 65.7830, 40.7226

Split Complementary

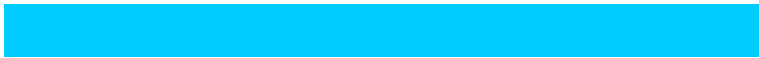
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



178.6900, 37.6208, 66.9239



174.4340, -65.7830, -40.7226



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.



174.4340, -65.7830, -40.7226



168.1890, 42.7978, -147.5018



195.2710, 29.4464, 28.7033



165.2430, -31.6718, 78.7169

Rectangle

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



174.4340, -65.7830, -40.7226



161.3660, 14.1166, -141.5180



195.2710, 29.4464, 28.7033



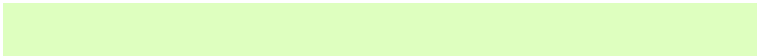
163.8090, 23.7582, 79.9745

Sweetspot

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



174.4340, -65.7830, -40.7226



237.8370, -23.0906, -13.8890



151.4820, -54.4676, 63.5983



117.2750, -13.9396, -9.0112



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.



174.4340, -65.7830, -40.7226



187.3310, -89.8892, -55.5413



148.7630, -51.6482, -94.5082



108.9520, -3.9203, -2.5889



128.4280, -63.3150, -38.9634



35.0530, -17.2811, -10.5705

Inverse Universe

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



90.5660, 65.7830, 40.7226



72.6690, 89.8892, 55.5413



116.2370, 51.6482, 94.5082



104.0480, 3.9203, 2.5889



47.5720, 63.3150, 38.9634



12.9470, 17.2811, 10.5705

Previews

White Background



This preview shows how the YUV color 174.4340, -65.7830, -40.7226 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 174.4340, -65.7830, -40.7226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

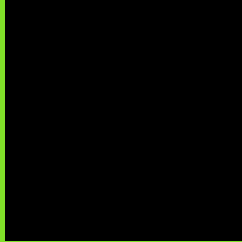
Any Text WCAG AA ✓ Pass

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 174.4340, -65.7830, -40.7226 Background



This preview shows how black text looks on a background with the YUV color 174.4340, -65.7830, -40.7226.



This preview shows how white text looks on a background with the YUV color 174.4340, -65.7830, -40.7226.

-40.7226.

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

174.4340, -65.7830, -40.7226

Protanopia

188.2520, -76.0462, 31.3510

Deuteranopia

192.4190, -65.7756, 50.4985



Tritanopia

194.3790, 15.0962, -35.4124

Trichromacy



Original Color

174.4340, -65.7830, -40.7226

Protanomaly

183.4120, -72.1811, 4.9007

Deuteranomaly

186.0960, -66.1093, 17.4558

Tritanomaly

186.9850, -14.2896, -36.8208

Monochromacy



Original Color

174.4340, -65.7830, -40.7226

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.0110, -23.6694, -14.9186

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.4340, -65.7830, -40.7226 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(128, 224, 41)` looks like.

```
.text, #text, p{  
    color:rgb(128, 224, 41)  
}
```

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(128, 224, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 224, 41) }
```

Border

The CSS property to change the border of an element to YUV 174.4340, -65.7830, -40.7226 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(128, 224, 41) }
```


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

```
.border{ border-color:rgb(128, 224, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 224, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 224, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 224, 41);  
box-shadow:4px 4px 4px 4px rgb(128, 224,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 174.4340, -65.7830, -40.7226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 224, 41) }
```

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

```
.background{ background-color: rgb(128,  
224, 41) }
```

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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