

Converting Colors

YUV(173.0420, -81.3657,
-35.9938)

Have a look what the booklet for
YUV(173.0420, -81.3657, -35.9938)
contains.

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Color

**YUV(173.0420, -81.3657,
-35.9938)**

Conversions

Conversions Part 1

Format	Color
Hex	84E208
RGB	132, 226, 8
RGB Percent	52%, 89%, 3%
CMY	0.4824, 0.1137, 0.9686
CMYK	0.42, 0.00, 0.96, 0.11
HSL	86°, 93%, 46%
HSV	86°, 96%, 89%
XYZ	36.7559, 59.3158, 9.7416
YIQ	173.0420, 13.9540, -87.7260

Conversions

Conversions Part 2

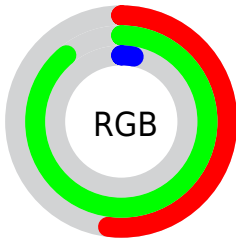
Format	Color
RYB	8, 226, 102
Decimal	8708616
CIELab	81.46, -55.83, 78.59
CIElCh	81, 96.403, 125.389
Yxy	59.3158, 0.3474, 0.5606
Android (android.graphics.Color)	4286898696 (0xFF84E208)
YUV	173.0420, -81.3657, -35.9938
Hunter-Lab	77.0167, -49.5909, 46.4123

Details

The YUV color **173.0420, -81.3657, -35.9938** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **60.9580, 81.3657, 35.9938**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.2390, -63.2218, -22.1346**, and **120.7200, -59.5150, -44.4814** is the 20% darker color. If you saturate the color by 10%, you get **171.2330, -84.4179, -37.0383**, and if you desaturate by 10%, it is **178.6540, -72.7934, -32.1456**.

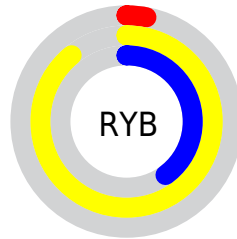
Distribution



Red (52%)

Green (89%)

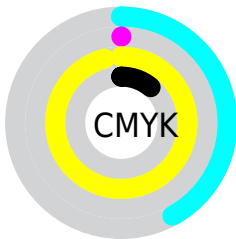
Blue (3%)



Red (3%)

Yellow (89%)

Blue (40%)

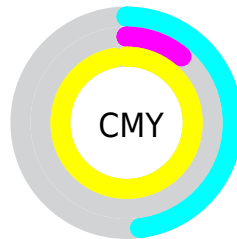


Cyan (42%)

Magenta (0%)

Yellow (96%)

Black (11%)



Cyan (48%)

Magenta (11%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.0420, -81.3657, -35.9938 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 173.0420, -81.3657, -35.9938 by changing the saturation by 10% instead.

■ 173.0420,
-81.3657, -35.9938

■ 173.0420,
-81.3657, -35.9938

255.0000, 0.0000,
0.0000

■ 146.7240,
-72.3349, -39.2229

■ 217.2390,
-63.2218, -22.1346

■ 120.7200,
-59.5150, -44.4814

■ 229.6290,
-54.5401, -6.6906

■ 93.2100, -45.9525,
-54.5582

■ 242.2040,
-46.4426, 9.4681

■ 68.0920, -33.5694,
-59.7167

■ 246.2220,
-33.6334, 7.6983

■ 53.4170, -26.3346,
-46.8467

■ 249.5280,
-20.9663, 4.7989

■ 38.7420, -19.0998,
-33.9767

■ 252.9480, -7.8624,

■ 25.8280, -12.7332,

1.7996

-22.6512

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 173.0420,
-81.3657, -35.9938

■ 173.0420,
-81.3657, -35.9938

■ 171.2330,
-84.4179, -37.0383

■ 178.6540,
-72.7934, -32.1456

■ 183.8530,
-64.5105, -28.8121

■ 189.4650,
-55.9382, -24.9638

■ 194.9630,
-47.8028, -21.0156

■ 200.5750,
-39.2305, -17.1673

■ 205.8880,
-30.5108, -13.9338

■ 211.3860,
-22.3753, -9.9855

■ 216.9980,
-13.8030, -6.1372

■ 222.4960, -5.6675,
-2.1890

Harmonies

Analogous

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



187.9200, -92.6446, 35.1502



173.0420, -81.3657, -35.9938



153.6140, -15.5857, -134.7195

Triad

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



173.0420, -81.3657, -35.9938



164.6670, 44.5342, -144.4130



155.4310, 17.0425, 87.3220

Complementary

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



173.0420, -81.3657, -35.9938



60.9580, 81.3657, 35.9938

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.



177.5160, 38.1996, 67.9535



173.0420, -81.3657, -35.9938



151.7530, 50.9008, -133.0874

Square

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



173.0420, -81.3657, -35.9938



170.5370, 41.6403, -149.5609



194.9390, 29.6101, 22.8555



161.9490, -29.0619, 81.6057

Rectangle

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



173.0420, -81.3657, -35.9938



163.1440, 10.7750, -143.0773



194.9390, 29.6101, 22.8555



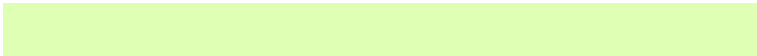
160.6120, 29.2783, 82.7783

Sweetspot

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



173.0420, -81.3657, -35.9938



236.9960, -27.6060, -12.2745



126.5990, -58.4693, 87.1747



116.8900, -16.7078, -7.7965



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.



173.0420, -81.3657, -35.9938



193.0400, -95.1687, -42.1311



141.3480, -65.7406, -101.1602



109.2510, -4.0677, -1.9741



133.2120, -65.6735, -29.1269



36.5480, -18.0182, -7.4966

Inverse Universe

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



60.9580, 81.3657, 35.9938



61.9600, 95.1687, 42.1311



92.6520, 65.7406, 101.1602



103.7490, 4.0677, 1.9741



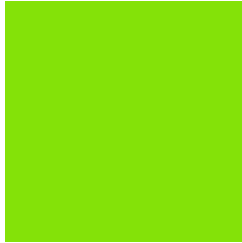
42.7880, 65.6735, 29.1269



11.7510, 17.8708, 8.1114

Previews

White Background



This preview shows how the YUV color 173.0420, -81.3657, -35.9938 looks on a white background.

Color Contrast Check

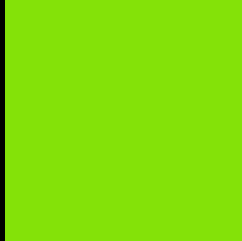
Large Text (above 18pt) WCAG AA × Fail

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 173.0420, -81.3657, -35.9938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

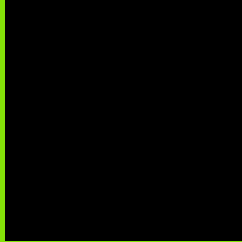
Any Text WCAG AA ✓ Pass

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 173.0420, -81.3657, -35.9938 Background



This preview shows how black text looks on a background with the YUV color 173.0420, -81.3657, -35.9938.



This preview shows how white text looks on a background with the YUV color 173.0420, -81.3657, -35.9938.

-35.9938.

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

173.0420, -81.3657, -35.9938

Protanopia

186.4470, -91.9184, 35.5650

Deuteranopia

192.8940, -72.9117, 52.7130



Tritanopia

196.3900, 15.0907, -33.6680

Trichromacy



Original Color

173.0420, -81.3657, -35.9938

Protanomaly

181.6070, -88.0533, 9.1147

Deuteranomaly

185.8870, -75.8663, 20.2701

Tritanomaly

188.1010, -20.2628, -34.2916

Monochromacy



Original Color

173.0420, -81.3657, -35.9938

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.8280, -29.4952, -13.0042

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.0420, -81.3657, -35.9938 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(132, 226, 8)` looks like.

```
.text, #text, p{  
    color:rgb(132, 226, 8)  
}
```

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(132, 226, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 226, 8) }
```

Border

The CSS property to change the border of an element to YUV 173.0420, -81.3657, -35.9938 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(132, 226, 8) }
```


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

```
.border{ border-color:rgb(132, 226, 8) }
```

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

Here you see how a box with a 4 pixel rgb(132, 226, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 226, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 226, 8);  
box-shadow:4px 4px 4px 4px rgb(132, 226,  
8) }
```

Background

The CSS property to change the background color of an element to YUV 173.0420, -81.3657, -35.9938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 226, 8) }
```

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

```
.background{ background-color: rgb(132,  
226, 8) }
```

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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