

Converting Colors

YUV(173.2030, -65.6691,
-77.3540)

Have a look what the booklet for
YUV(173.2030, -65.6691, -77.3540)
contains.

YUV(173.2030, -65.6691, -77.3540)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(173.2030, -65.6691,
-77.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	55F428
RGB	85, 244, 40
RGB Percent	33%, 96%, 16%
CMY	0.6667, 0.0431, 0.8431
CMYK	0.65, 0.00, 0.84, 0.04
HSL	107°, 90%, 56%
HSV	107°, 84%, 96%
XYZ	36.4800, 66.7859, 12.9758
YIQ	173.2030, -29.2800, -97.1520

Conversions

Conversions Part 2

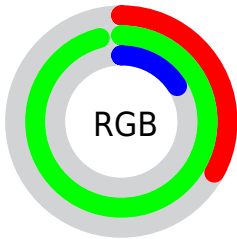
Format	Color
RYB	40, 244, 199
Decimal	5633064
CIELab	85.40, -73.69, 76.40
CIELCh	85, 106.144, 133.964
Yxy	66.7859, 0.3138, 0.5745
Android (android.graphics.Color)	4283823144 (0xFF55F428)
YUV	173.2030, -65.6691, -77.3540
Hunter-Lab	81.7226, -63.3343, 47.7919

Details

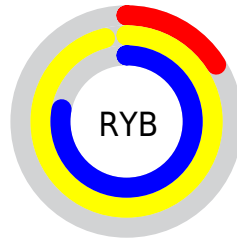
The YUV color **173.2030, -65.6691, -77.3540** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **110.7970, 65.6691, 77.3540**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4020, -50.4842, -47.7106**, and **109.1820, -53.8267, -95.7526** is the 20% darker color. If you saturate the color by 10%, you get **164.7860, -73.3515, -86.6353**, and if you desaturate by 10%, it is **181.6200, -57.9867, -68.0727**.

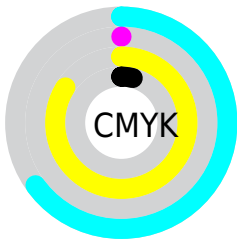
Distribution



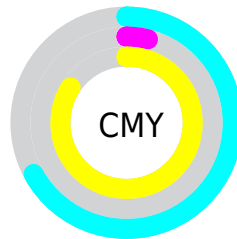
- Red (33%)
- Green (96%)
- Blue (16%)



- Red (16%)
- Yellow (96%)
- Blue (78%)



- Cyan (65%)
- Magenta (0%)
- Yellow (84%)
- Black (4%)



- Cyan (67%)
- Magenta (4%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.2030, -65.6691, -77.3540 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 173.2030, -65.6691, -77.3540 by changing the saturation by 10% instead.

173.2030,
-65.6691, -77.3540

173.2030,
-65.6691, -77.3540

255.0000, 0.0000,
0.0000

138.1650,
-68.1153, -86.0907

207.4020,
-50.4842, -47.7106

109.1820,
-53.8267, -95.7526

220.3900,
-42.0973, -31.0370

92.7460, -45.7238,
-81.3382

232.9650,
-33.9997, -14.8783

76.8970, -37.9102,
-67.4387

245.8390,
-26.0496, 1.8952

61.0480, -30.0967,
-53.5391

251.3520,
-13.9775, 3.1993

45.7860, -22.5725,
-40.1543

254.7720, -0.8736,

31.6980, -15.6271,

0.2000

-27.7991

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 173.2030,
-65.6691, -77.3540

■ 173.2030,
-65.6691, -77.3540

■ 164.7860,
-73.3515, -86.6353

■ 181.6200,
-57.9867, -68.0727

■ 159.3740,
-78.5714, -92.4130

■ 190.1510,
-49.8674, -58.8914

■ 198.5680,
-42.1850, -49.6101

■ 207.0990,
-34.0658, -40.4288

■ 215.5160,
-26.3834, -31.1475

■ 223.9330,
-18.7010, -21.8662

■ 232.4640,
-10.5818, -12.6849

■ 240.8810, -2.8993,
-3.4036

■ 248.5430, 3.1833,
5.6628

Harmonies

Analogous

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



195.1750, -96.2213, 15.6325



173.2030, -65.6691, -77.3540



166.6540, -6.2384, -146.1556

Triad

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



173.2030, -65.6691, -77.3540



169.9500, 41.9297, -149.0461



150.9170, 9.9009, 91.2808

Complementary

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



173.2030, -65.6691, -77.3540



110.7970, 65.6691, 77.3540

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.



168.1240, 42.8299, 76.1903



173.2030, -65.6691, -77.3540



152.3400, 50.6114, -133.6022

Square

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



173.2030, -65.6691, -77.3540



178.1680, 37.8782, -156.2533



200.4090, 26.9134, 47.8763



166.9750, -45.3437, 77.1979

Rectangle

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



173.2030, -65.6691, -77.3540



175.2210, 24.0480, -153.6688



200.4090, 26.9134, 47.8763



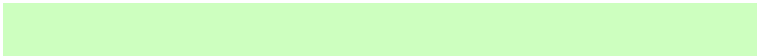
151.8580, 26.1990, 90.4555

Sweetspot

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



173.2030, -65.6691, -77.3540



232.7540, -20.5847, -24.3403



192.5680, -75.2160, 45.1059



114.5840, -12.6129, -14.5442



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.



173.2030, -65.6691, -77.3540



166.4290, -82.0495, -96.8462



165.9040, -35.4487, -110.4178



117.9410, -3.9149, -4.3333



121.4410, -59.8704, -70.5468



38.5200, -18.9904, -22.3810

Inverse Universe

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



110.7970, 65.6691, 77.3540



88.5710, 82.0495, 96.8462



118.0960, 35.4487, 110.4178



114.3580, 3.7675, 4.9480



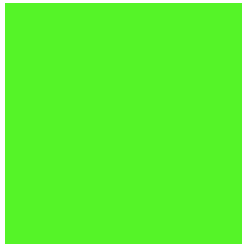
64.5590, 59.8704, 70.5468



20.4800, 18.9904, 22.3810

Previews

White Background



This preview shows how the YUV color 173.2030, -65.6691, -77.3540 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 173.2030, -65.6691, -77.3540 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 173.2030, -65.6691, -77.3540 Background



This preview shows how black text looks on a background with the YUV color 173.2030, -65.6691, -77.3540.



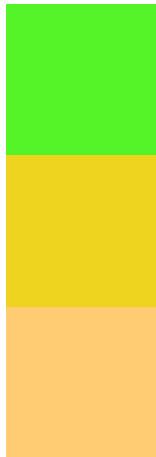
This preview shows how white text looks on a background with the YUV color 173.2030, -65.6691, -77.3540.

-77.3540.

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

173.2030, -65.6691, -77.3540

Protanopia

199.1400, -82.8930, 34.0802

Deuteranopia

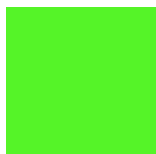
208.5160, -46.1034, 40.7665



Tritanopia

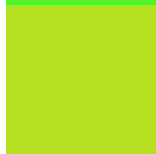
199.7500, 22.3083, -62.0478

Trichromacy



Original Color

173.2030, -65.6691, -77.3540



Protanomaly

189.7820, -76.8005, -6.8248



Deuteranomaly

195.7050, -53.0986, -2.3723



Tritanomaly

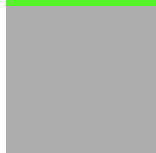
189.9380, -9.8294, -67.4746

Monochromacy



Original Color

173.2030, -65.6691, -77.3540



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.2220, -23.7734, -28.2587

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.2030, -65.6691, -77.3540 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(85, 244, 40)` looks like.

```
.text, #text, p{  
    color:rgb(85, 244, 40)  
}
```

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(85, 244, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 244, 40) }
```

Border

The CSS property to change the border of an element to YUV 173.2030, -65.6691, -77.3540 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(85, 244, 40) }
```


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

```
.border{ border-color:rgb(85, 244, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 244, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 244, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 244, 40);  
box-shadow:4px 4px 4px 4px rgb(85, 244,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 173.2030, -65.6691, -77.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 244, 40) }
```

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

```
.background{ background-color: rgb(85, 244,  
40) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor