

Converting Colors

YUV(172.5520, -85.0681,
-61.8741)

Have a look what the booklet for
YUV(172.5520, -85.0681, -61.8741)
contains.

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Color

**YUV(172.5520, -85.0681,
-61.8741)**

Conversions

Conversions Part 1

Format	Color
Hex	66F200
RGB	102, 242, 0
RGB Percent	40%, 95%, 0%
CMY	0.6000, 0.0510, 1.0000
CMYK	0.58, 0.00, 1.00, 0.05
HSL	95°, 100%, 47%
HSV	95°, 100%, 95%
XYZ	37.2316, 66.3290, 10.8405
YIQ	172.5520, -5.7580, -104.9420

Conversions

Conversions Part 2

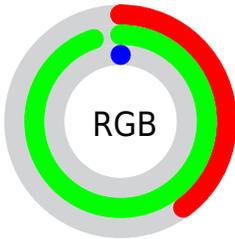
Format	Color
RYB	0, 242, 140
Decimal	6746624
CIELab	85.16, -70.21, 81.72
CIELCh	85, 107.742, 130.665
Yxy	66.3290, 0.3254, 0.5798
Android (android.graphics.Color)	4284936704 (0xFF66F200)
YUV	172.5520, -85.0681, -61.8741
Hunter-Lab	81.4426, -60.9231, 49.1180

Details

The YUV color **172.5520, -85.0681, -61.8741** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **69.4480, 85.0681, 61.8741**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8780, -59.0999, -37.6040**, and **108.5950, -53.5373, -95.2378** is the 20% darker color. If you saturate the color by 10%, you get **172.5520, -85.0681, -61.8741**, and if you desaturate by 10%, it is **179.4740, -76.6487, -55.6667**.

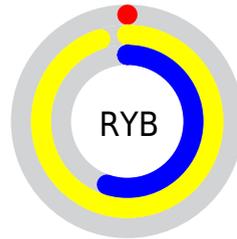
Distribution



Red (40%)

Green (95%)

Blue (0%)



Red (0%)

Yellow (95%)

Blue (55%)



Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (60%)

Magenta (5%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.5520, -85.0681, -61.8741 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 172.5520, -85.0681, -61.8741 by changing the saturation by 10% instead.

■ 172.5520,
-85.0681, -61.8741

■ 172.5520,
-85.0681, -61.8741

■ 255.0000, 0.0000,
0.0000

■ 144.4660,
-71.2217, -69.6917

■ 209.8780,
-59.0999, -37.6040

■ 108.5950,
-53.5373, -95.2378

■ 222.6810,
-50.1287, -21.6452

■ 92.1590, -45.4344,
-80.8234

■ 235.2560,
-42.0312, -5.4865

■ 76.3100, -37.6208,
-66.9239

■ 246.4500,
-32.7599, 7.4983

■ 60.4610, -29.8073,
-53.0243

■ 249.8700,
-19.6559, 4.4990

■ 45.1990, -22.2831,
-39.6395

■ 253.2900, -6.5520,

■ 31.6980, -15.6271,

1.4997

-27.7991

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 172.5520,
-85.0681, -61.8741

■ 179.4740,
-76.6487, -55.6667

■ 186.3960,
-68.2292, -49.4593

■ 193.4320,
-59.3730, -43.3519

■ 200.3540,
-50.9535, -37.1445

■ 207.2760,
-42.5341, -30.9371

■ 214.1980,
-34.1146, -24.7296

■ 221.1200,
-25.6952, -18.5222

■ 228.1560,
-16.8389, -12.4148

■ 235.0780, -8.4195,
-6.2074

Harmonies

Analogous

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



195.5180, -96.3904, 23.2247



172.5520, -85.0681, -61.8741



164.5850, -11.6274, -144.3410

Triad

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



172.5520, -85.0681, -61.8741



171.1240, 41.3509, -150.0757



147.3610, 16.5840, 94.3994

Complementary

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



172.5520, -85.0681, -61.8741



69.4480, 85.0681, 61.8741

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.



168.7110, 42.5405, 75.6755



172.5520, -85.0681, -61.8741



154.6880, 49.4538, -135.6614

Square

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



172.5520, -85.0681, -61.8741



178.7550, 37.5888, -156.7681



202.7570, 25.7558, 45.8171



162.6040, -39.2448, 81.0313

Rectangle

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



172.5520, -85.0681, -61.8741



173.8530, 18.8065, -152.4691



202.7570, 25.7558, 45.8171



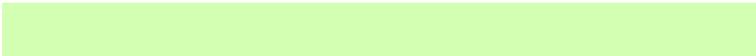
150.0630, 32.0139, 92.0297

Sweetspot

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



172.5520, -85.0681, -61.8741



233.1800, -26.7107, -19.4519



152.7770, -75.3191, 78.2486



114.6830, -16.1127, -12.0000



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.



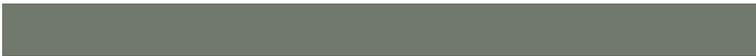
172.5520, -85.0681, -61.8741



181.6780, -89.5673, -65.4926



143.8780, -63.0439, -126.1810



116.5390, -4.2097, -3.1037



131.0310, -64.5983, -47.3852



40.0480, -19.7437, -14.0741

Inverse Universe

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



69.4480, 85.0681, 61.8741



73.3220, 89.5673, 65.4926



98.1220, 63.0439, 126.1810



111.4610, 4.2097, 3.1037



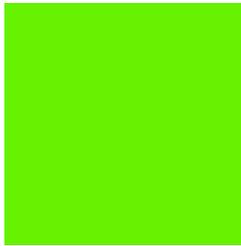
52.6700, 64.7457, 46.7704



15.9520, 19.7437, 14.0741

Previews

White Background



This preview shows how the YUV color 172.5520, -85.0681, -61.8741 looks on a white background.

Color Contrast Check

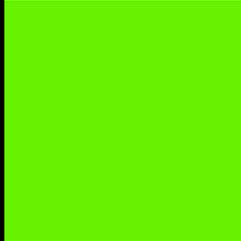
Large Text (above 18pt) WCAG AA × Fail

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 172.5520, -85.0681, -61.8741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

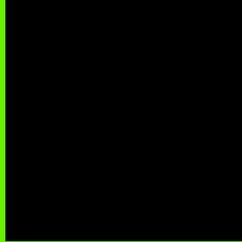
Any Text WCAG AA ✓ Pass

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 172.5520, -85.0681, -61.8741 Background



This preview shows how black text looks on a background with the YUV color 172.5520, -85.0681, -61.8741.



This preview shows how white text looks on a background with the YUV color 172.5520, -85.0681, -61.8741.

-61.8741.

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

172.5520, -85.0681, -61.8741

Protanopia

195.6060, -96.4338, 37.1795

Deuteranopia

208.1740, -47.4138, 41.0664



Tritanopia

201.6370, 20.3920, -54.0556

Trichromacy



Original Color

172.5520, -85.0681, -61.8741



Protanomaly

187.4120, -92.3941, 1.3927



Deuteranomaly

194.9740, -61.1192, 3.5308



Tritanomaly

190.9410, -17.7189, -56.9533

Monochromacy



Original Color

172.5520, -85.0681, -61.8741



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.7190, -30.9205, -22.5556

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5520, -85.0681, -61.8741 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(102, 242, 0)` looks like.

```
.text, #text, p{  
    color:rgb(102, 242, 0)  
}
```

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(102, 242, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 242, 0) }
```

Border

The CSS property to change the border of an element to YUV 172.5520, -85.0681, -61.8741 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(102, 242, 0) }
```

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

```
.border{ border-color:rgb(102, 242, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 242, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 242, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 242, 0);  
box-shadow:4px 4px 4px 4px rgb(102, 242,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 172.5520, -85.0681, -61.8741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 242, 0) }
```

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

```
.background{ background-color: rgb(102,  
242, 0) }
```

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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