

Converting Colors

YUV(172.4220, -37.6760,
-95.9631)

Have a look what the booklet for
YUV(172.4220, -37.6760, -95.9631)
contains.

YUV(172.4220, -37.6760, -95.9631)	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(172.4220, -37.6760,
-95.9631)**

Conversions

Conversions Part 1

Format	Color
Hex	3FF360
RGB	63, 243, 96
RGB Percent	25%, 95%, 38%
CMY	0.7529, 0.0471, 0.6235
CMYK	0.74, 0.00, 0.60, 0.05
HSL	131°, 88%, 60%
HSV	131°, 74%, 95%
XYZ	36.2118, 66.0025, 21.8975
YIQ	172.4220, -60.0930, -83.8770

Conversions

Conversions Part 2

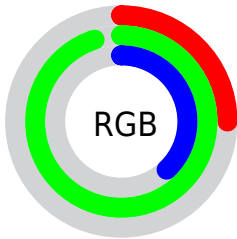
Format	Color
RYB	63, 215, 243
Decimal	4191072
CIELab	85.00, -72.86, 56.96
CIELCh	85, 92.483, 141.985
Yxy	66.0025, 0.2918, 0.5318
Android (android.graphics.Color)	4282381152 (0xFF3FF360)
YUV	172.4220, -37.6760, -95.9631
Hunter-Lab	81.2419, -62.6108, 40.8886

Details

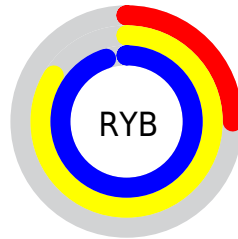
The YUV color **172.4220, -37.6760, -95.9631** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **133.5780, 37.6760, 95.9631**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.5630, -27.8856, -62.7608**, and **113.1550, -36.0654, -99.2369** is the 20% darker color. If you saturate the color by 10%, you get **162.9660, -42.8742, -108.7182**, and if you desaturate by 10%, it is **181.8780, -32.4779, -83.2080**.

Distribution



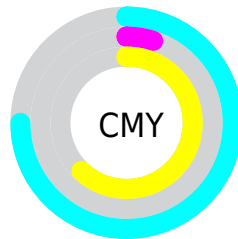
- Red (25%)
- Green (95%)
- Blue (38%)



- Red (25%)
- Yellow (84%)
- Blue (95%)



- Cyan (74%)
- Magenta (0%)
- Yellow (60%)
- Black (5%)



- Cyan (75%)
- Magenta (5%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.4220, -37.6760, -95.9631 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 172.4220, -37.6760, -95.9631 by changing the saturation by 10% instead.

■ 172.4220,
-37.6760, -95.9631

■ 172.4220,
-37.6760, -95.9631

255.0000, 0.0000,
0.0000

■ 133.4840,
-31.7906, -117.0655

■ 207.5630,
-27.8856, -62.7608

■ 113.1550,
-36.0654, -99.2369

■ 220.3230,
-20.3722, -45.8873

■ 92.1590, -45.4344,
-80.8234

■ 232.7840,
-12.7115, -29.6286

■ 76.3100, -37.6208,
-66.9239

■ 245.6580, -4.7614,
-12.8551

■ 60.4610, -29.8073,
-53.0243

■ 45.1990, -22.2831,
-39.6395

■ 31.1110, -15.3377,

-27.2843

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 172.4220,
-37.6760, -95.9631

■ 172.4220,
-37.6760, -95.9631

■ 162.9660,
-42.8742, -108.7182

■ 181.8780,
-32.4779, -83.2080


■ 153.2110,
-47.9250, -122.0880

■ 191.6330,
-27.4271, -69.8381

■ 147.7710,
-50.6661, -129.5952


■ 201.0890,
-22.2289, -57.0831

■ 210.4310,
-17.4675, -44.2280

 219.8870,
-12.2693, -31.4729

 229.6420, -7.2185,
-18.1030

 239.0980, -2.0203,
-5.3479

 247.9560, 3.4727,
6.1776

Harmonies

Analogous

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



190.3580, -93.8465, 0.5630



172.4220, -37.6760, -95.9631



168.4270, 8.1705, -147.7105

Triad

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



172.4220, -37.6760, -95.9631



164.0800, 44.8236, -143.8982



168.1220, -7.9481, 76.1920

Complementary

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



172.4220, -37.6760, -95.9631



133.5780, 37.6760, 95.9631

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.



175.8060, 31.6476, 69.4531



172.4220, -37.6760, -95.9631



193.7230, 30.2096, -29.5751

Square

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



172.4220, -37.6760, -95.9631



173.4720, 40.1933, -152.1349



198.0610, 28.0709, 49.9355



180.1340, -53.3101, 65.6575

Rectangle

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



172.4220, -37.6760, -95.9631



175.9680, 34.5258, -154.3239



198.0610, 28.0709, 49.9355



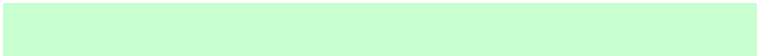
167.3190, 6.7447, 76.8962

Sweetspot

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



172.4220, -37.6760, -95.9631



233.0120, -11.8379, -29.8285



212.6130, -73.7592, -2.2916



114.6420, -7.2185, -18.1030



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.



172.4220, -37.6760, -95.9631



166.0370, -47.3462, -121.0584



182.6820, 1.6358, -104.9611



117.2720, -2.5991, -6.3775



113.0580, -38.9756, -99.1519



35.8870, -12.2693, -31.4729

Inverse Universe

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



133.5780, 37.6760, 95.9631



116.9630, 47.3462, 121.0584



123.3180, -1.6358, 104.9611



114.7280, 2.5991, 6.3775



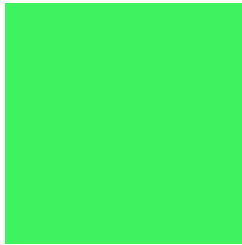
72.9420, 38.9756, 99.1519



23.1130, 12.2693, 31.4729

Previews

White Background



This preview shows how the YUV color 172.4220, -37.6760, -95.9631 looks on a white background.

Color Contrast Check

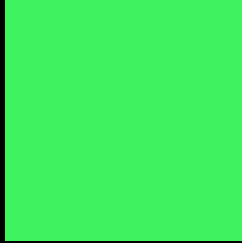
Large Text (above 18pt) WCAG AA × Fail

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 172.4220, -37.6760, -95.9631 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 172.4220, -37.6760, -95.9631 Background



This preview shows how black text looks on a background with the YUV color 172.4220, -37.6760, -95.9631.



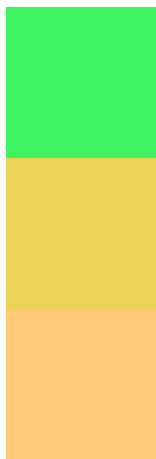
This preview shows how white text looks on a background with the YUV color 172.4220, -37.6760, -95.9631.

-95.9631.

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

172.4220, -37.6760, -95.9631

Protanopia

203.6270, -57.9901, 26.6371

Deuteranopia

207.7980, -43.7774, 41.3962



Tritanopia

195.3680, 24.9616, -73.1137

Trichromacy



Original Color

172.4220, -37.6760, -95.9631



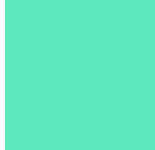
Protanomaly

192.5890, -50.5764, -18.0566



Deuteranomaly

194.7610, -41.2942, -8.5604



Tritanomaly

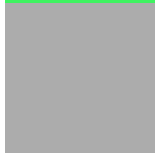
186.6510, 2.1441, -81.2549

Monochromacy



Original Color

172.4220, -37.6760, -95.9631



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

172.1100, -13.8582, -35.1765

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.4220, -37.6760, -95.9631 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(63, 243, 96)` looks like.

```
.text, #text, p{  
    color:rgb(63, 243, 96)  
}
```

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(63, 243, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 243, 96) }
```

Border

The CSS property to change the border of an element to YUV 172.4220, -37.6760, -95.9631 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(63, 243, 96) }
```


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

```
.border{ border-color:rgb(63, 243, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 243, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 243, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 243, 96);  
box-shadow:4px 4px 4px 4px rgb(63, 243,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 172.4220, -37.6760, -95.9631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 243, 96) }
```

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

```
.background{ background-color: rgb(63, 243,  
96) }
```

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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