

Converting Colors

YUV(173.5480, -25.4132,
-109.2286)

Have a look what the booklet for
YUV(173.5480, -25.4132, -109.2286)
contains.

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Color

**YUV(173.5480, -25.4132,
-109.2286)**

Conversions

Conversions Part 1

Format	Color
Hex	31F77A
RGB	49, 247, 122
RGB Percent	19%, 97%, 48%
CMY	0.8078, 0.0314, 0.5216
CMYK	0.80, 0.00, 0.51, 0.03
HSL	142°, 93%, 58%
HSV	142°, 80%, 97%
XYZ	38.0402, 68.5796, 29.6446
YIQ	173.5480, -77.8830, -80.8510

Conversions

Conversions Part 2

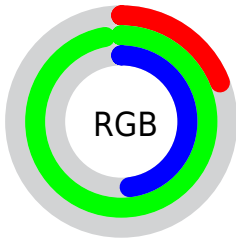
Format	Color
RYB	49, 194, 247
Decimal	3274618
CIELab	86.30, -72.46, 46.75
CIELCh	86, 86.227, 147.172
Yxy	68.5796, 0.2792, 0.5033
Android (android.graphics.Color)	4281464698 (0xFF31F77A)
YUV	173.5480, -25.4132, -109.2286
Hunter-Lab	82.8128, -62.9281, 36.7449

Details

The YUV color **173.5480, -25.4132, -109.2286** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **122.4520, 25.4132, 109.2286**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0210, -15.7864, -70.1784**, and **118.9230, -24.1190, -104.2955** is the 20% darker color. If you saturate the color by 10%, you get **164.2490, -28.7168, -122.9984**, and if you desaturate by 10%, it is **182.8470, -22.1096, -95.4588**.

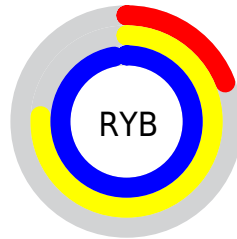
Distribution



Red (19%)

Green (97%)

Blue (48%)



Red (19%)

Yellow (76%)

Blue (97%)

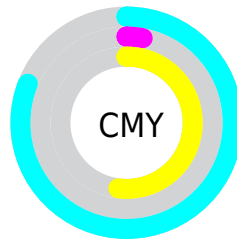


Cyan (80%)

Magenta (0%)

Yellow (51%)

Black (3%)



Cyan (81%)

Magenta (3%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5480, -25.4132, -109.2286 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 173.5480, -25.4132, -109.2286 by changing the saturation by 10% instead.

■ 173.5480,
-25.4132, -109.2286

■ 173.5480,
-25.4132, -109.2286

255.0000, 0.0000,
0.0000

■ 138.9100,
-21.1546, -121.8241

■ 208.0210,
-15.7864, -70.1784

■ 118.9230,
-24.1190, -104.2955

■ 221.1940, -7.9836,
-52.7901

■ 99.4090, -27.8096,
-87.1817

■ 233.9540, -0.4703,
-35.9167

■ 79.4390, -33.2474,
-69.6680

■ 245.7310, 4.5696,
-19.0581

■ 62.8090, -30.9648,
-55.0835

■ 46.9600, -23.1513,
-41.1839

■ 33.4590, -16.4953,

-29.3435

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 173.5480,
-25.4132, -109.2286

■ 173.5480,
-25.4132, -109.2286

■ 164.2490,
-28.7168, -122.9984


■ 182.8470,
-22.1096, -95.4588


■ 155.3630,
-31.7310, -136.2534


■ 191.7330,
-19.0954, -82.2038


■ 201.0320,
-15.7918, -68.4341

■ 210.2170,
-12.9250, -54.5643

 219.5160, -9.6214,
-40.7945

 228.5160, -6.1704,
-27.6395

 237.7010, -3.3036,
-13.7698

 247.0000, 0.0000,
0.0000

 250.3040, 2.3151,
4.1184

Harmonies

Analogous

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



196.9600, -73.4373, -12.2429



173.5480, -25.4132, -109.2286



171.8810, 16.3277, -150.7396

Triad

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



173.5480, -25.4132, -109.2286



162.9060, 45.4023, -142.8686



177.4170, -15.4886, 68.0403

Complementary

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



173.5480, -25.4132, -109.2286



122.4520, 25.4132, 109.2286

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.



181.3680, 22.4966, 64.5753



173.5480, -25.4132, -109.2286



205.0960, 24.6027, -4.4692

Square

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



173.5480, -25.4132, -109.2286



173.4720, 40.1933, -152.1349



199.2350, 27.4921, 48.9059



188.6940, -56.0511, 58.1504

Rectangle

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



173.5480, -25.4132, -109.2286



178.1680, 37.8782, -156.2533



199.2350, 27.4921, 48.9059



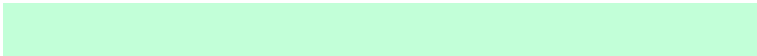
176.3860, -1.6693, 68.9445

Sweetspot

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



173.5480, -25.4132, -109.2286



232.3150, -8.0433, -33.6023



202.6010, -75.7253, -25.0831



114.2010, -5.0291, -20.3473



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.



173.5480, -25.4132, -109.2286



164.0750, -31.5890, -135.1238



184.8340, 17.8298, -119.1264



117.6140, -1.2887, -6.6775



117.0480, -23.6877, -102.6511



37.1410, -7.4645, -32.5727

Inverse Universe

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



122.4520, 25.4132, 109.2286



100.9250, 31.5890, 135.1238



111.1660, -17.8298, 119.1264



114.5000, 1.7255, 6.5775



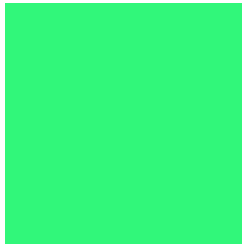
69.0660, 24.1245, 102.5511



21.8590, 7.4645, 32.5727

Previews

White Background



This preview shows how the YUV color 173.5480, -25.4132, -109.2286 looks on a white background.

Color Contrast Check

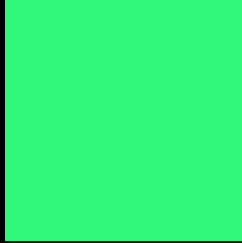
Large Text (above 18pt) WCAG AA × Fail

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 173.5480, -25.4132, -109.2286 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 173.5480, -25.4132, -109.2286 Background



This preview shows how black text looks on a background with the YUV color 173.5480, -25.4132, -109.2286.



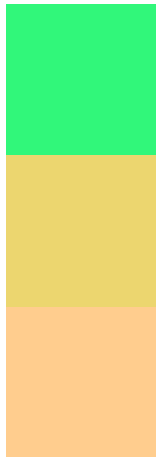
This preview shows how white text looks on a background with the YUV color 173.5480, -25.4132, -109.2286.

-109.2286.

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

173.5480, -25.4132, -109.2286

Protanopia

208.8360, -48.2331, 23.8228

Deuteranopia

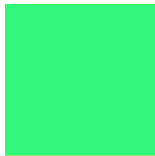
212.7680, -34.8886, 37.0375



Tritanopia

196.5950, 27.3147, -81.2058

Trichromacy



Original Color

173.5480, -25.4132, -109.2286



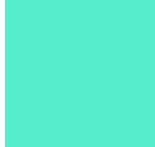
Protanomaly

196.0040, -39.9350, -24.5595



Deuteranomaly

198.3500, -31.2315, -16.0929



Tritanomaly

188.1920, 8.2863, -91.3764

Monochromacy



Original Color

173.5480, -25.4132, -109.2286



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.2280, -9.4794, -39.6650

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5480, -25.4132, -109.2286 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(49, 247, 122)` looks like.

```
.text, #text, p{  
    color:rgb(49, 247, 122)  
}
```

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(49, 247, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 247, 122) }
```

Border

The CSS property to change the border of an element to YUV 173.5480, -25.4132, -109.2286 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(49, 247, 122) }
```


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

```
.border{ border-color:rgb(49, 247, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 247, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 247, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 247, 122);  
box-shadow:4px 4px 4px 4px rgb(49, 247,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 173.5480, -25.4132, -109.2286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 247, 122) }
```

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

```
.background{ background-color: rgb(49, 247,  
122) }
```

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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