

Converting Colors

YUV(180.6550, -4.2669,
-125.1084)

Have a look what the booklet for
YUV(180.6550, -4.2669, -125.1084)
contains.

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Color

**YUV(180.6550, -4.2669,
-125.1084)**

Conversions

Conversions Part 1

Format	Color
Hex	26FFAC
RGB	38, 255, 172
RGB Percent	15%, 100%, 67%
CMY	0.8510, 0.0000, 0.3255
CMYK	0.85, 0.00, 0.33, 0.00
HSL	157°, 100%, 57%
HSV	157°, 85%, 100%
XYZ	44.0057, 74.9106, 51.1696
YIQ	180.6550, -102.6890, -71.8170

Conversions

Conversions Part 2

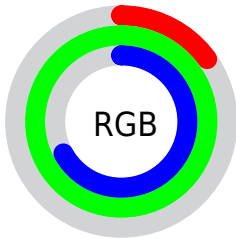
Format	Color
RYB	38, 172, 255
Decimal	2555820
CIELab	89.35, -67.29, 26.15
CIELCh	89, 72.194, 158.767
Yxy	74.9106, 0.2587, 0.4404
Android (android.graphics.Color)	4280745900 (0xFF26FFAC)
YUV	180.6550, -4.2669, -125.1084
Hunter-Lab	86.5509, -60.7081, 25.5329

Details

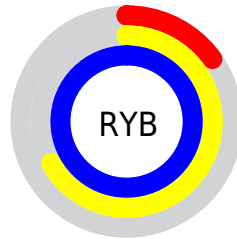
The YUV color **180.6550, -4.2669, -125.1084** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **112.3450, 4.2669, 125.1084**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7530, 7.5168, -77.8364**, and **129.2050, -5.0311, -113.3128** is the 20% darker color. If you saturate the color by 10%, you get **172.0400, -4.9497, -139.4781**, and if you desaturate by 10%, it is **189.5690, -3.7315, -110.1240**.

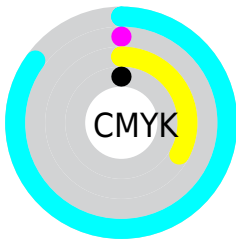
Distribution



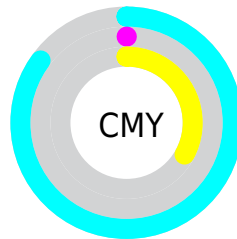
- Red (15%)
- Green (100%)
- Blue (67%)



- Red (15%)
- Yellow (67%)
- Blue (100%)



- Cyan (85%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (85%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.6550, -4.2669, -125.1084 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 180.6550, -4.2669, -125.1084 by changing the saturation by 10% instead.

 180.6550, -4.2669,
-125.1084


 180.6550, -4.2669,
-125.1084

255.0000, 0.0000,
0.0000

 149.1920, -2.0667,
-130.8414


 212.7530, 7.5168,
-77.8364


 129.2050, -5.0311,
-113.3128


 225.9970, 14.2985,
-59.6334

 109.9190, -7.8481,
-96.3990


 235.5650, 9.5815,
-39.9605

 90.7470, -10.2283,
-79.5851

 245.1330, 4.8644,
-20.2876

 72.1620, -12.8979,
-63.2861

254.7010, 0.1474,
-0.6148

 54.3920, -14.9833,
-47.7018

 36.9810, -18.2316,

-32.4323

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 180.6550, -4.2669,
-125.1084

■ 180.6550, -4.2669,
-125.1084

■ 172.0400, -4.9497,
-139.4781

■ 189.5690, -3.7315,
-110.1240

■ 167.5830, -5.2174,
-146.9703

■ 198.1840, -3.0487,
-95.7544

■ 206.9840, -2.9501,
-80.6700

■ 215.5990, -2.2673,
-66.3003

■ 224.5130, -1.7319,
-51.3159

■ 233.1280, -1.0491,
-36.9463

■ 241.9280, -0.9505,
-21.8619

■ 250.5430, -0.2677,
-7.4922

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



207.2990, -47.4754, -32.7112



180.6550, -4.2669, -125.1084



177.3870, 32.3472, -155.5684

Triad

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



180.6550, -4.2669, -125.1084



200.3140, 26.9602, -60.7884



196.3320, -26.7857, 51.4518

Complementary

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



180.6550, -4.2669, -125.1084



112.3450, 4.2669, 125.1084

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.



195.5240, 5.6577, 52.1605



180.6550, -4.2669, -125.1084



221.5410, 16.4953, 29.3435

Square

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



180.6550, -4.2669, -125.1084



172.8850, 40.4827, -151.6201



206.2790, 24.0195, 42.7283



206.0080, -55.7129, 42.9660

Rectangle

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



180.6550, -4.2669, -125.1084



178.7550, 37.5888, -156.7681



206.2790, 24.0195, 42.7283



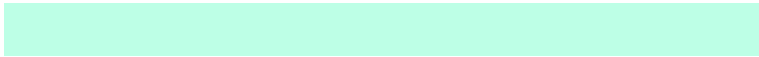
194.5030, -16.0240, 53.0559

Sweetspot

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



180.6550, -4.2669, -125.1084



232.4160, -1.1911, -38.0758



190.1960, -75.0326, -60.6849



114.2160, -1.0925, -22.9914



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

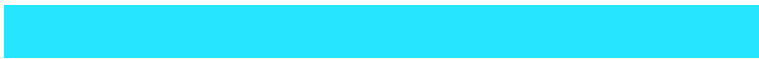
The Same Dimension uses a secret algorithm to generate beautiful new colors.



180.6550, -4.2669, -125.1084



167.5830, -5.2174, -146.9703



175.4420, 39.2221, -120.5366



123.5430, -0.2677, -7.4922



125.5690, -3.7315, -110.1240



42.0140, -1.4859, -36.8463

Inverse Universe

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



112.3450, 4.2669, 125.1084



87.4170, 5.2174, 146.9703



117.5580, -39.2221, 120.5366



119.4570, 0.2677, 7.4922



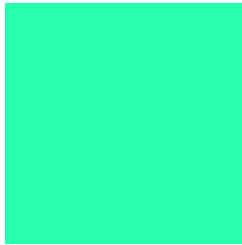
65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 180.6550, -4.2669, -125.1084 looks on a white background.

Color Contrast Check

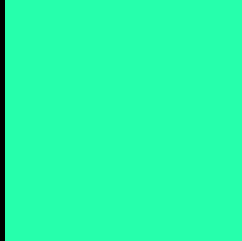
Large Text (above 18pt) WCAG AA × Fail

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 180.6550, -4.2669, -125.1084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

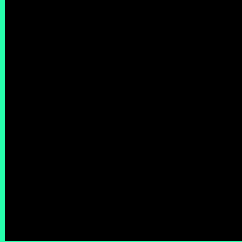
Any Text WCAG AA ✓ Pass

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 180.6550, -4.2669, -125.1084 Background



This preview shows how black text looks on a background with the YUV color 180.6550, -4.2669, -125.1084.



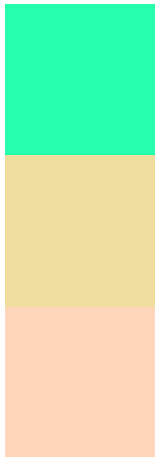
This preview shows how white text looks on a background with the YUV color 180.6550, -4.2669, -125.1084.

-125.1084.

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

180.6550, -4.2669, -125.1084

Protanopia

220.0860, -30.6084, 17.4646

Deuteranopia

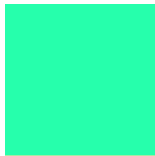
222.9530, -18.7108, 28.1052



Tritanopia

210.0270, 22.1717, -64.9217

Trichromacy



Original Color

180.6550, -4.2669, -125.1084



Protanomaly

205.8730, -21.1364, -34.0916



Deuteranomaly

207.5670, -13.5905, -27.6843



Tritanomaly

199.3650, 12.6381, -87.1431

Monochromacy



Original Color

180.6550, -4.2669, -125.1084



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.9590, -1.4588, -45.5680

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.6550, -4.2669, -125.1084 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(38, 255, 172)` looks like.

```
.text, #text, p{  
    color:rgb(38, 255, 172)  
}
```

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(38, 255, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 255, 172) }
```

Border

The CSS property to change the border of an element to YUV 180.6550, -4.2669, -125.1084 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(38, 255, 172) }
```


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

```
.border{ border-color:rgb(38, 255, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 255, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 255, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 255, 172);  
box-shadow:4px 4px 4px 4px rgb(38, 255,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 180.6550, -4.2669, -125.1084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 255, 172) }
```

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

```
.background{ background-color: rgb(38, 255,  
172) }
```

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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