

Converting Colors

YUV(215.2550, 19.5943,
-78.2766)

Have a look what the booklet for
YUV(215.2550, 19.5943, -78.2766)
contains.

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Color

**YUV(215.2550, 19.5943,
-78.2766)**

Conversions

Conversions Part 1

Format	Color
Hex	7EFDFF
RGB	126, 253, 255
RGB Percent	49%, 99%, 100%
CMY	0.5059, 0.0078, 0.0000
CMYK	0.51, 0.01, 0.00, 0.00
HSL	181°, 100%, 75%
HSV	181°, 51%, 100%
XYZ	61.7795, 81.9062, 107.1611
YIQ	215.2550, -76.3340, -26.3020

Conversions

Conversions Part 2

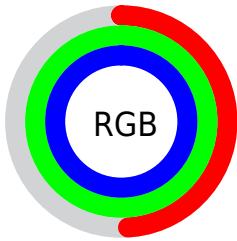
Format	Color
RYB	126, 190, 255
Decimal	8322559
CIELab	92.53, -34.70, -11.81
CIELCh	93, 36.655, 198.801
Yxy	81.9062, 0.2463, 0.3265
Android (android.graphics.Color)	4286512639 (0xFF7EFDFF)
YUV	215.2550, 19.5943, -78.2766
Hunter-Lab	90.5020, -36.5290, -6.8523

Details

The YUV color **215.2550, 19.5943, -78.2766** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **165.7450, -19.5943, 78.2766**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.6680, 10.0237, -41.8048**, and **155.2650, 21.0684, -84.4244** is the 20% darker color. If you saturate the color by 10%, you get **207.7800, 23.2795, -93.6461**, and if you desaturate by 10%, it is **223.0290, 15.7617, -62.2924**.

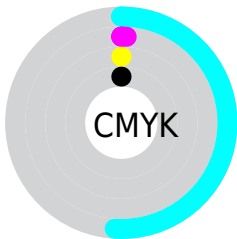
Distribution



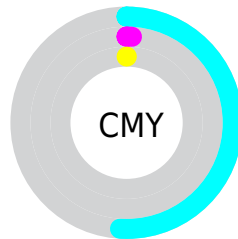
- Red (49%)
- Green (99%)
- Blue (100%)



- Red (49%)
- Yellow (75%)
- Blue (100%)



- Cyan (51%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.2550, 19.5943, -78.2766 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 215.2550, 19.5943, -78.2766 by changing the saturation by 10% instead.

215.2550, 19.5943,
-78.2766

215.2550, 19.5943,
-78.2766

255.0000, 0.0000,
0.0000

185.3580, 20.0365,
-80.1210

234.6680, 10.0237,
-41.8048

155.2650, 21.0684,
-84.4244

243.6380, 5.6015,
-23.3615

118.1100, 26.0748,
-103.5825

252.9070, 1.0318,
-4.3034

99.8840, 22.2422,
-87.5983

81.6580, 18.4096,
-71.6141

63.5460, 15.0138,
-55.7298

46.8360, 11.9129,

-41.0752

■ 30.7130, 8.5225,
-26.9353

■ 13.1710, 7.3107,
-11.5510

■ 215.2550, 19.5943,
-78.2766

■ 215.2550, 19.5943,
-78.2766

■ 207.7800, 23.2795,
-93.6461

■ 223.0290, 15.7617,
-62.2924

■ 199.4190, 27.4014,
-109.1155

■ 231.0910, 11.7871,
-47.4378

■ 191.6450, 31.2340,
-125.0997

■ 238.8650, 7.9546,
-31.4536

■ 183.5830, 35.2086,
-139.9543

■ 246.9270, 3.9800,
-16.5990

■ 176.4070, 38.7463,
-154.7089

254.7010, 0.1474,
-0.6148

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.



219.2350, -0.1159, -56.3341



215.2550, 19.5943, -78.2766



213.8040, 20.3096, -74.3731

Triad

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



215.2550, 19.5943, -78.2766



232.6940, 10.9969, 19.5624



228.3040, -31.2089, 23.4124

Complementary

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



215.2550, 19.5943, -78.2766



165.7450, -19.5943, 78.2766

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.



223.1980, -20.3106, 27.8904



215.2550, 19.5943, -78.2766



227.2000, 10.2544, 24.3806

Square

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



215.2550, 19.5943, -78.2766



229.2730, 12.6834, -8.1324



222.5090, -5.1809, 28.4946



229.1940, -31.1546, 5.9689

Rectangle

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



215.2550, 19.5943, -78.2766



218.0450, 18.2188, -57.0445



222.5090, -5.1809, 28.4946



226.4120, -28.3041, 25.0717

Sweetspot

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



215.2550, 19.5943, -78.2766



243.0510, 5.8909, -22.8467



201.7230, -37.3314, -66.4091



120.5360, 3.6798, -13.6251



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.



215.2550, 19.5943, -78.2766



207.1820, 23.5743, -94.8756



178.8610, 37.5365, -46.3591



123.5260, 2.2057, -7.4773



132.1300, 29.0229, -115.8780



44.2770, 9.7234, -38.8309

Inverse Universe

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



179.0490, 36.4578, 66.6090



163.2000, 44.2714, 80.5086



202.7260, -37.8259, 45.8443



120.2550, 3.3253, 6.7924



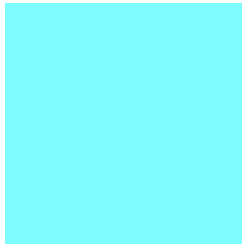
78.5410, 53.9633, 98.6265



26.3180, 18.0842, 33.0471

Previews

White Background



This preview shows how the YUV color 215.2550, 19.5943, -78.2766 looks on a white background.

Color Contrast Check

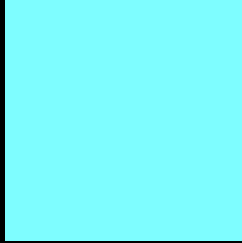
Large Text (above 18pt) WCAG AA × Fail

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 215.2550, 19.5943, -78.2766 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

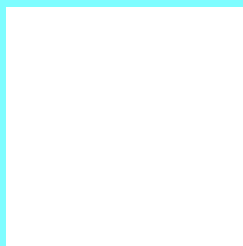
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 215.2550, 19.5943, -78.2766 Background



This preview shows how black text looks on a background with the YUV color 215.2550, 19.5943, -78.2766.



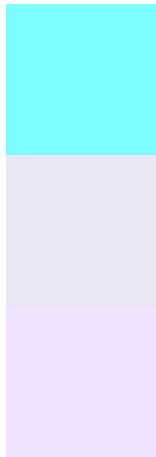
This preview shows how white text looks on a background with the YUV color 215.2550, 19.5943, -78.2766.

-78.2766.

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

215.2550, 19.5943, -78.2766

Protanopia

232.7380, 4.0732, 0.2298

Deuteranopia

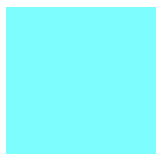
233.7800, 10.4615, 4.5779



Tritanopia

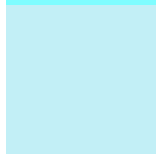
226.4280, 14.0860, -38.0864

Trichromacy



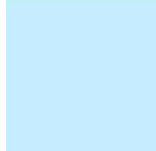
Original Color

215.2550, 19.5943, -78.2766



Protanomaly

226.3430, 9.6909, -28.3648



Deuteranomaly

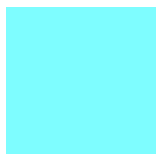
226.8040, 13.9006, -25.2611



Tritanomaly

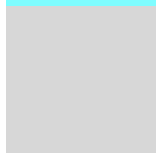
222.4970, 16.0240, -53.0559

Monochromacy



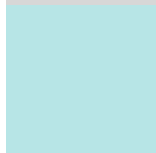
Original Color

215.2550, 19.5943, -78.2766



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.3600, 7.2175, -28.3797

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.2550, 19.5943, -78.2766 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(126, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(126, 253, 255)  
}
```

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(126, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 253, 255) }
```

Border

The CSS property to change the border of an element to YUV 215.2550, 19.5943, -78.2766 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(126, 253, 255) }
```


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

```
.border{ border-color:rgb(126, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(126, 253,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 215.2550, 19.5943, -78.2766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 253, 255) }
```

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

```
.background{ background-color: rgb(126,  
253, 255) }
```

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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