

Converting Colors

YUV(212.6480, -20.0395,
-59.3273)

Have a look what the booklet for
YUV(212.6480, -20.0395, -59.3273)
contains.

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Color

**YUV(212.6480, -20.0395,
-59.3273)**

Conversions

Conversions Part 1

Format	Color
Hex	91FFAC
RGB	145, 255, 172
RGB Percent	57%, 100%, 67%
CMY	0.4314, 0.0000, 0.3255
CMYK	0.43, 0.00, 0.33, 0.00
HSL	135°, 100%, 78%
HSV	135°, 43%, 100%
XYZ	54.8834, 80.5183, 51.6787
YIQ	212.6480, -38.9170, -49.1330

Conversions

Conversions Part 2

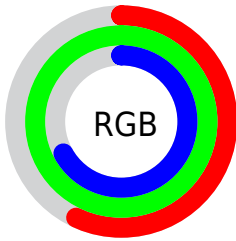
Format	Color
RYB	145, 233, 255
Decimal	9568172
CIELab	91.92, -48.80, 30.06
CIELCh	92, 57.311, 148.370
Yxy	80.5183, 0.2934, 0.4304
Android (android.graphics.Color)	4287758252 (0xFF91FFAC)
YUV	212.6480, -20.0395, -59.3273
Hunter-Lab	89.7320, -47.8537, 28.6660

Details

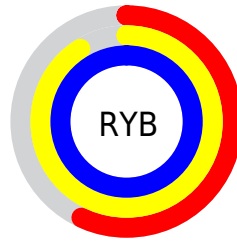
The YUV color **212.6480, -20.0395, -59.3273** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **187.3520, 20.0395, 59.3273**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.3740, -4.1284, -29.2690**, and **155.8050, -18.1449, -60.3420** is the 20% darker color. If you saturate the color by 10%, you get **203.0070, -24.6535, -72.7971**, and if you desaturate by 10%, it is **222.5880, -15.5729, -45.2427**.

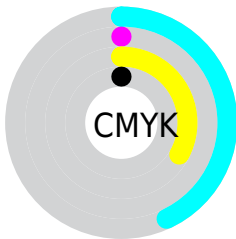
Distribution



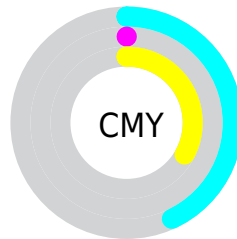
- Red (57%)
- Green (100%)
- Blue (67%)



- Red (57%)
- Yellow (91%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (43%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.6480, -20.0395, -59.3273 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 212.6480, -20.0395, -59.3273 by changing the saturation by 10% instead.

■ 212.6480,
-20.0395, -59.3273

■ 212.6480,
-20.0395, -59.3273

255.0000, 0.0000,
0.0000

■ 183.8760,
-19.1659, -59.5273

■ 236.3740, -4.1284,
-29.2690

■ 155.8050,
-18.1449, -60.3420

■ 248.4220, 3.2430,
-13.5251

■ 127.2500,
-16.3923, -62.4862

■ 95.9930, -13.3075,
-71.9079

■ 73.3360, -13.4766,
-64.3157

■ 55.9250, -16.7250,
-49.0462

■ 38.7420, -19.0998,

-33.9767

■ 25.8280, -12.7332,
-22.6512

■ 7.6310, -3.7621,
-6.6924

■ 212.6480,
-20.0395, -59.3273

■ 212.6480,
-20.0395, -59.3273

■ 203.0070,
-24.6535, -72.7971

■ 222.5880,
-15.5729, -45.2427

■ 193.0670,
-29.1200, -86.8818

■ 232.2290,
-10.9589, -31.7728

■ 183.0130,
-34.0234, -100.8664

■ 242.2830, -6.0555,
-17.7882

■ 173.3720,
-38.6374, -114.3362

■ 251.9240, -1.4415,
-4.3183

■ 163.4320, 255.0000, 0.0000,
-43.1040, -128.4209 0.0000

■ 156.8670,
-46.2764, -137.5724

Harmonies

Analogous

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



221.9630, -44.3518, -7.8606



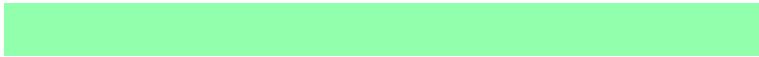
212.6480, -20.0395, -59.3273



182.4400, 21.9681, -139.8289

Triad

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



212.6480, -20.0395, -59.3273



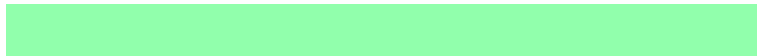
208.8420, 22.7559, -65.6364



209.1100, -13.3652, 40.2455

Complementary

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



212.6480, -20.0395, -59.3273



187.3520, 20.0395, 59.3273

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.



213.0320, 11.8162, 36.8059



212.6480, -20.0395, -59.3273



226.9910, 13.8084, 4.3929

Square

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



212.6480, -20.0395, -59.3273



176.9940, 38.4570, -155.2237



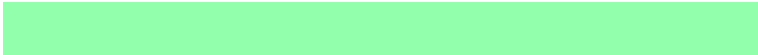
221.5410, 16.4953, 29.3435



214.1870, -37.0672, 35.7930

Rectangle

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



212.6480, -20.0395, -59.3273



178.7550, 37.5888, -156.7681



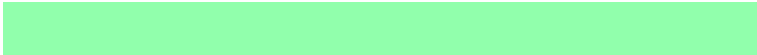
221.5410, 16.4953, 29.3435



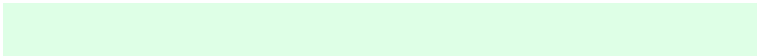
209.4010, -4.6347, 39.9903

Sweetspot

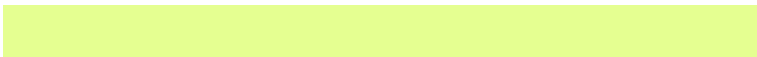
The Sweet Spot groups the original color and five complimentary colors.



212.6480, -20.0395, -59.3273



242.2830, -6.0555, -17.7882



234.6860, -44.2152, -4.9866



119.8970, -3.8932, -11.3107



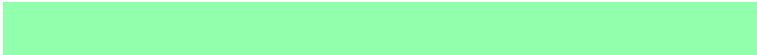
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



212.6480, -20.0395, -59.3273



203.8330, -24.0747, -71.7675



218.8040, 3.5476, -64.7261



122.9730, -2.4517, -6.9923



117.4750, -34.7442, -103.0256



39.3920, -11.5323, -34.5468

Inverse Universe

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



187.3520, 20.0395, 59.3273



173.1670, 24.0747, 71.7675



181.1960, -3.5476, 64.7261



119.9130, 2.0149, 7.0923



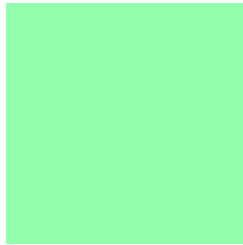
73.5250, 34.7442, 103.0256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 212.6480, -20.0395, -59.3273 looks on a white background.

Color Contrast Check

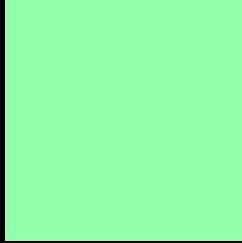
Large Text (above 18pt) WCAG AA × Fail

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 212.6480, -20.0395, -59.3273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

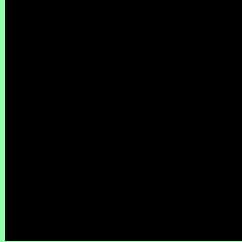
Any Text WCAG AA ✓ Pass

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 212.6480, -20.0395, -59.3273 Background



This preview shows how black text looks on a background with the YUV color 212.6480, -20.0395, -59.3273.



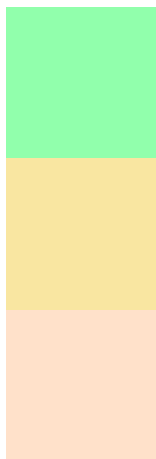
This preview shows how white text looks on a background with the YUV color 212.6480, -20.0395, -59.3273.

-59.3273.

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

212.6480, -20.0395, -59.3273

Protanopia

227.8150, -32.9398, 18.5792

Deuteranopia

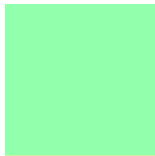
231.3480, -14.4686, 20.7428



Tritanopia

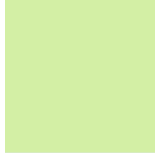
225.2650, 14.6594, -35.3124

Trichromacy



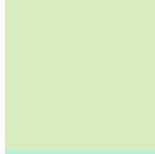
Original Color

212.6480, -20.0395, -59.3273



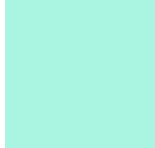
Protanomaly

222.1920, -28.1957, -9.8154



Deuteranomaly

224.5910, -16.5604, -8.4113



Tritanomaly

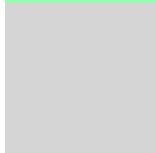
220.2950, 2.3196, -44.1087

Monochromacy



Original Color

212.6480, -20.0395, -59.3273



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.6200, -7.2077, -21.5917

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.6480, -20.0395, -59.3273 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(145, 255, 172)` looks like.

```
.text, #text, p{  
    color:rgb(145, 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(145, 255, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 255, 172) }
```

Border

The CSS property to change the border of an element to YUV 212.6480, -20.0395, -59.3273 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(145, 255, 172) }
```


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

```
.border{ border-color:rgb(145, 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(145, 255, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 255, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 255, 172);  
box-shadow:4px 4px 4px 4px rgb(145, 255,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 212.6480, -20.0395, -59.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 255, 172) }
```

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

```
.background{ background-color: rgb(145,  
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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