

Converting Colors

YUV(212.9640, -19.2093,
-45.5724)

Have a look what the booklet for
YUV(212.9640, -19.2093, -45.5724)
contains.

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Color

**YUV(212.9640, -19.2093,
-45.5724)**

Conversions

Conversions Part 1

Format	Color
Hex	A1F7AE
RGB	161, 247, 174
RGB Percent	63%, 97%, 68%
CMY	0.3686, 0.0314, 0.3176
CMYK	0.35, 0.00, 0.30, 0.03
HSL	129°, 84%, 80%
HSV	129°, 35%, 97%
XYZ	55.5987, 77.1546, 52.0064
YIQ	212.9640, -27.8230, -40.9350

Conversions

Conversions Part 2

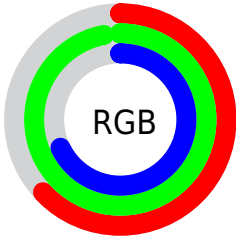
Format	Color
RYB	161, 236, 247
Decimal	10614702
CIELab	90.39, -40.43, 27.10
CIElCh	90, 48.669, 146.165
Yxy	77.1546, 0.3009, 0.4176
Android (android.graphics.Color)	4288804782 (0xFFA1F7AE)
YUV	212.9640, -19.2093, -45.5724
Hunter-Lab	87.8377, -40.7307, 26.3823

Details

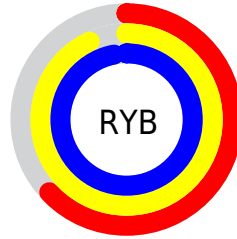
The YUV color **212.9640, -19.2093, -45.5724** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **195.0360, 19.2093, 45.5724**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.0870, -5.4659, -20.2473**, and **157.0180, -17.7569, -44.7428** is the 20% darker color. If you saturate the color by 10%, you get **203.0950, -24.6968, -58.8423**, and if you desaturate by 10%, it is **222.8330, -13.7217, -32.3025**.

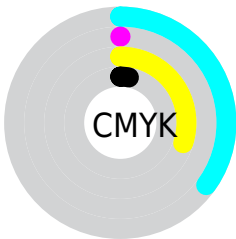
Distribution



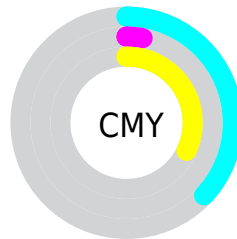
- Red (63%)
- Green (97%)
- Blue (68%)



- Red (63%)
- Yellow (93%)
- Blue (97%)



- Cyan (35%)
- Magenta (0%)
- Yellow (30%)
- Black (3%)



- Cyan (37%)
- Magenta (3%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.9640, -19.2093, -45.5724 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 212.9640, -19.2093, -45.5724 by changing the saturation by 10% instead.

■ 212.9640,
-19.2093, -45.5724

■ 212.9640,
-19.2093, -45.5724

255.0000, 0.0000,
0.0000

■ 184.4910,
-18.4831, -45.1576

■ 241.0870, -5.4659,
-20.2473

■ 157.0180,
-17.7569, -44.7428

■ 252.6080, 1.1793,
-4.9182

■ 129.9470,
-16.7359, -45.5575

■ 102.9900,
-15.2781, -46.4722

■ 74.8260, -13.2252,
-51.5904

■ 52.7450, -13.6783,
-46.2574

■ 35.9210, -17.2161,

-31.5027

■ 23.4800, -11.5756,
-20.5920

■ 1.7610, -0.8682,
-1.5444

■ 212.9640,
-19.2093, -45.5724

■ 212.9640,
-19.2093, -45.5724

■ 203.0950,
-24.6968, -58.8423

■ 222.8330,
-13.7217, -32.3025

■ 193.5250,
-30.3318, -71.4974

■ 232.4030, -8.0867,
-19.6474

■ 183.6560,
-35.8194, -84.7673

■ 242.2720, -2.5991,
-6.3775

■ 173.7870,
-41.3070, -98.0372

■ 250.3040, 2.3151,
4.1184

■ 163.9180,
-46.7946, -111.3071

■ 154.3480,
-52.4296, -123.9622

■ 149.2070,
-55.3181, -130.8545

Harmonies

Analogous

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



219.8910, -38.4003, -3.4124



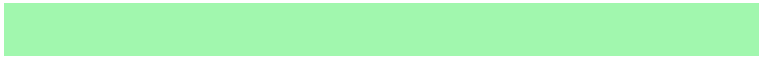
212.9640, -19.2093, -45.5724



201.4090, 9.1654, -93.3207

Triad

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



212.9640, -19.2093, -45.5724



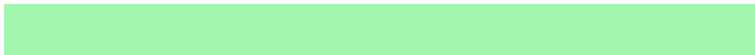
210.3810, 21.9972, -55.5851



211.6690, -11.1758, 38.0013

Complementary

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



212.9640, -19.2093, -45.5724



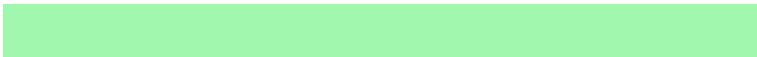
195.0360, 19.2093, 45.5724

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.



215.1520, 9.7851, 34.9467



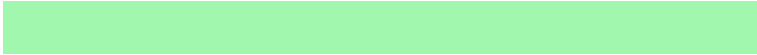
212.9640, -19.2093, -45.5724



224.0120, 15.2771, -0.0105

Square

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



212.9640, -19.2093, -45.5724



188.4220, 32.8230, -121.3961



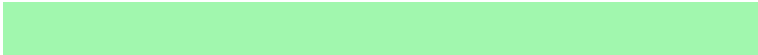
223.3020, 15.6271, 27.7991



214.4950, -30.8100, 35.5229

Rectangle

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



212.9640, -19.2093, -45.5724



187.1170, 31.9873, -133.4066



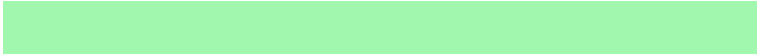
223.3020, 15.6271, 27.7991



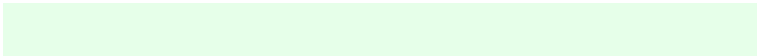
212.2050, -4.0451, 37.5312

Sweetspot

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



212.9640, -19.2093, -45.5724



245.0170, -5.9244, -13.1699



233.3090, -35.6483, 0.6060



121.7340, -3.3199, -8.5367



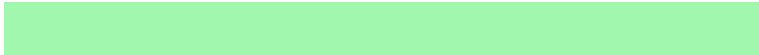
0.0000, 0.0000, 0.0000



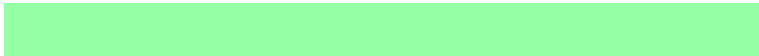
128.0000, 0.0000, 0.0000

Same Dimension

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



212.9640, -19.2093, -45.5724



212.6330, -23.9761, -56.6831



217.8660, -0.4269, -49.8715



117.2720, -2.5991, -6.3775



112.3740, -41.5964, -98.5520



35.6590, -13.1429, -31.2729

Inverse Universe

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



195.0360, 19.2093, 45.5724



190.3670, 23.9761, 56.6831



190.1340, 0.4269, 49.8715



114.8420, 3.0359, 6.2776



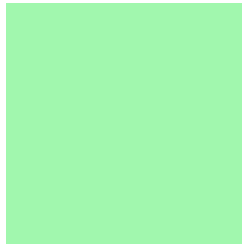
73.6260, 41.5964, 98.5520



23.3410, 13.1429, 31.2729

Previews

White Background



This preview shows how the YUV color 212.9640, -19.2093, -45.5724 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 212.9640, -19.2093, -45.5724 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 212.9640, -19.2093, -45.5724 Background



This preview shows how black text looks on a background with the YUV color 212.9640, -19.2093, -45.5724.



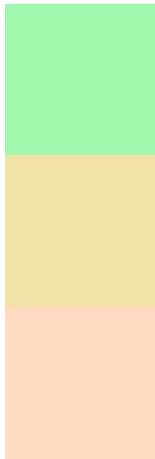
This preview shows how white text looks on a background with the YUV color 212.9640, -19.2093, -45.5724.

-45.5724.

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

212.9640, -19.2093, -45.5724

Protanopia

224.1290, -29.1506, 16.5499

Deuteranopia

227.3870, -16.9528, 24.2166



Tritanopia

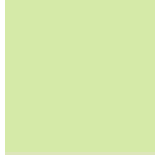
220.8240, 16.8488, -37.5566

Trichromacy



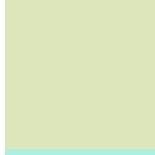
Original Color

212.9640, -19.2093, -45.5724



Protanomaly

220.1970, -25.7331, -6.3118



Deuteranomaly

222.2930, -17.8924, -1.1340



Tritanomaly

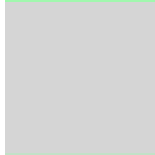
218.0720, 3.9085, -40.4051

Monochromacy



Original Color

212.9640, -19.2093, -45.5724



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.7670, -6.7871, -16.4587

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9640, -19.2093, -45.5724 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(161, 247, 174)` looks like.

```
.text, #text, p{  
    color:rgb(161, 247, 174)  
}
```

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(161, 247, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 247, 174) }
```

Border

The CSS property to change the border of an element to YUV 212.9640, -19.2093, -45.5724 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(161, 247, 174) }
```


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

```
.border{ border-color:rgb(161, 247, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 247, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 247, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 247, 174);  
box-shadow:4px 4px 4px 4px rgb(161, 247,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 212.9640, -19.2093, -45.5724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 247, 174) }
```

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

```
.background{ background-color: rgb(161,  
247, 174) }
```

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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