

Converting Colors

YUV(206.4530, 19.4967,
-46.8783)

Have a look what the booklet for
YUV(206.4530, 19.4967, -46.8783)
contains.

YUV(206.4530, 19.4967, -46.8783)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(206.4530, 19.4967,
-46.8783)**

Conversions

Conversions Part 1

Format	Color
Hex	99E2F6
RGB	153, 226, 246
RGB Percent	60%, 89%, 96%
CMY	0.4000, 0.1137, 0.0353
CMYK	0.38, 0.08, 0.00, 0.04
HSL	193°, 84%, 78%
HSV	193°, 38%, 96%
XYZ	56.9678, 67.8188, 97.2766
YIQ	206.4530, -49.9280, -9.2560

Conversions

Conversions Part 2

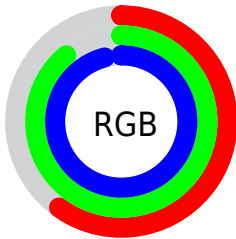
Format	Color
R _Y B	153, 194, 246
Decimal	10085110
CIE Lab	85.92, -17.72, -16.91
CIE LCh	86, 24.496, 223.649
Yxy	67.8188, 0.2565, 0.3054
Android (android.graphics.Color)	4288275190 (0xFF99E2F6)
YUV	206.4530, 19.4967, -46.8783
Hunter-Lab	82.3522, -20.6376, -12.3884

Details

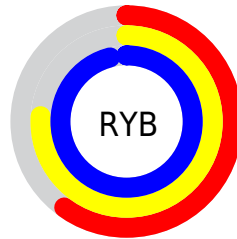
The YUV color $206.4530, 19.4967, -46.8783$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $192.5470, -19.4967, 46.8783$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.5450, 6.6333, -27.6650$, and $151.0400, 19.2073, -47.3931$ is the 20% darker color. If you saturate the color by 10%, you get $196.0430, 24.6288, -59.6737$, and if you desaturate by 10%, it is $216.8630, 14.3645, -34.0829$.

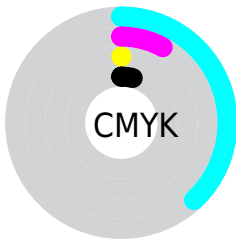
Distribution



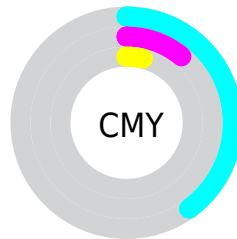
- Red (60%)
- Green (89%)
- Blue (96%)



- Red (60%)
- Yellow (76%)
- Blue (96%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (40%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.4530, 19.4967, -46.8783 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 206.4530, 19.4967, -46.8783 by changing the saturation by 10% instead.

■ 206.4530, 19.4967,
-46.8783

■ 206.4530, 19.4967,
-46.8783

■ 255.0000, 0.0000,
0.0000

■ 178.4530, 19.4967,
-46.8783

■ 241.5450, 6.6333,
-27.6650

■ 151.0400, 19.2073,
-47.3931

■ 250.5150, 2.2111,
-9.2217

■ 123.7410, 19.3547,
-48.0079

■ 96.1320, 19.6549,
-50.9818

■ 67.2450, 21.5712,
-58.9739

■ 51.0080, 17.7441,
-44.7340

■ 34.7710, 13.9169,

-30.4942

■ 21.1100, 9.8058,
-18.5135

■ 2.9810, 8.8834,
-2.6143

■ 206.4530, 19.4967,
-46.8783

■ 206.4530, 19.4967,
-46.8783

■ 196.0430, 24.6288,
-59.6737

■ 216.8630, 14.3645,
-34.0829

■ 185.3450, 29.9029,
-71.3396

■ 227.5610, 9.0904,
-22.4170

■ 174.9350, 35.0350,
-84.1350

■ 237.9710, 3.9583,
-9.6216

■ 164.8240, 40.0198,
-96.3156

■ 248.0820, -1.0264,
2.5591

■ 154.4140, 45.1519,
-109.1111

■ 252.2130, -3.0630,
2.4442

■ 143.4170, 50.5734,
-121.3917

■ 253.9740, -3.9312,
0.8998

■ 141.3350, 51.5998,
-123.9508

Harmonies

Analogous

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



205.2330, 9.7451, -45.8083



206.4530, 19.4967, -46.8783



210.2250, 22.0741, -33.5233

Triad

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



206.4530, 19.4967, -46.8783



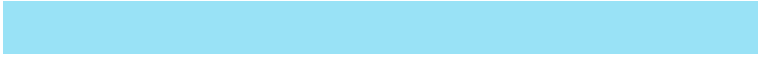
219.4520, 4.7072, 30.2986



213.1370, -21.2665, 7.7729

Complementary

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



206.4530, 19.4967, -46.8783



192.5470, -19.4967, 46.8783

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.



215.1330, -21.7576, 25.3164



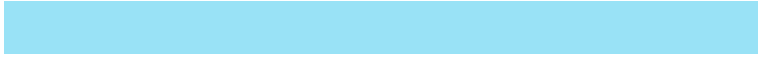
206.4530, 19.4967, -46.8783



216.4280, -5.6340, 33.8276

Square

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



206.4530, 19.4967, -46.8783



218.0890, 15.2391, 12.1999



215.7950, -15.6749, 34.3828



209.8400, -14.2181, -13.0147

Rectangle

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



206.4530, 19.4967, -46.8783



213.2700, 20.5729, -18.6538



215.7950, -15.6749, 34.3828



213.6540, -22.0144, 14.3354

Sweetspot

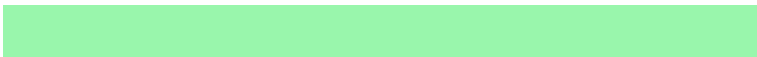
The Sweet Spot groups the original color and five complimentary colors.



206.4530, 19.4967, -46.8783



243.1060, 5.8637, -14.1250



209.7570, -18.6142, -49.7759



120.5690, 3.6635, -8.3920



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.



206.4530, 19.4967, -46.8783



205.9400, 24.1866, -57.8294



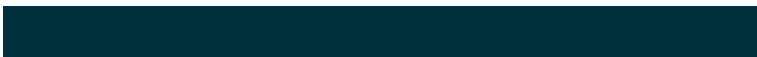
180.0380, 32.5193, -23.7123



117.2380, 2.3477, -6.3477



106.9060, 38.9933, -93.7566



33.7280, 12.4591, -29.5795

Inverse Universe

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



189.1290, 18.1774, 49.8759



184.6450, 22.3600, 61.7013



218.9620, -32.5193, 23.7123



114.7280, 2.5991, 6.3775



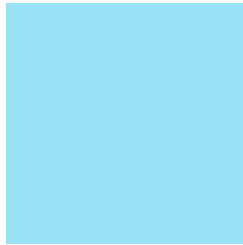
72.2580, 36.3548, 99.7517



22.8850, 11.3957, 31.6729

Previews

White Background



This preview shows how the YUV color 206.4530, 19.4967, -46.8783 looks on a white background.

Color Contrast Check

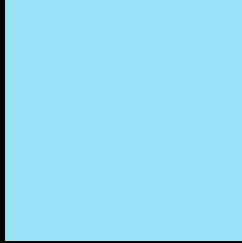
Large Text (above 18pt) WCAG AA × Fail

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 206.4530, 19.4967, -46.8783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

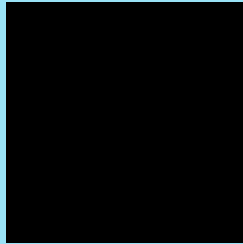
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.4530, 19.4967, -46.8783

Background



This preview shows how black text looks on a background with the YUV color 206.4530, 19.4967, -46.8783.



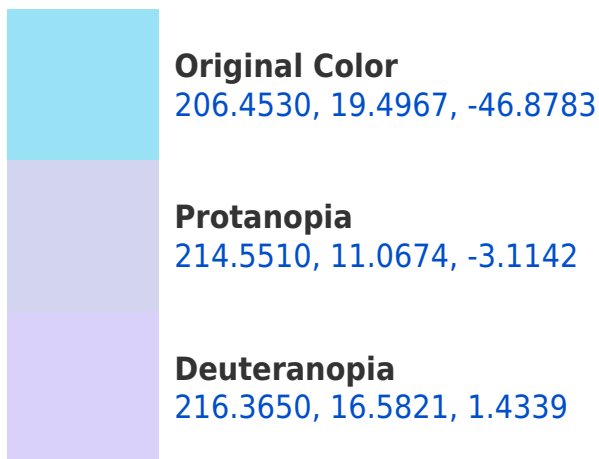
This preview shows how white text looks on a background with the YUV color 206.4530, 19.4967, -46.8783.

-46.8783.

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

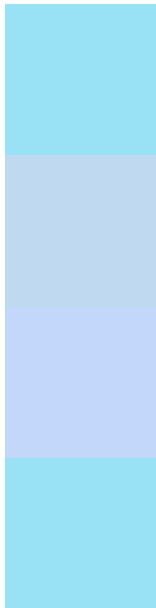




Tritanopia

206.2250, 18.6231, -46.6783

Trichromacy



Original Color

206.4530, 19.4967, -46.8783

Protanomaly

211.5490, 14.0263, -18.8985

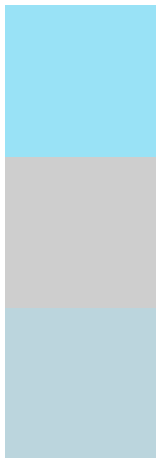
Deuteranomaly

212.5970, 17.9467, -16.3096

Tritanomaly

206.3390, 19.0599, -46.7783

Monochromacy



Original Color

206.4530, 19.4967, -46.8783

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.1380, 7.3270, -16.7840

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.4530, 19.4967, -46.8783 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(153, 226, 246)` looks like.

```
.text, #text, p{  
    color:rgb(153, 226, 246)  
}
```

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(153, 226, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 226, 246) }
```

Border

The CSS property to change the border of an element to YUV 206.4530, 19.4967, -46.8783 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(153, 226, 246) }
```


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

```
.border{ border-color:rgb(153, 226, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 226, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 226, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 226, 246);  
box-shadow:4px 4px 4px 4px rgb(153, 226,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 206.4530, 19.4967, -46.8783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 226, 246) }
```

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

```
.background{ background-color: rgb(153,  
226, 246) }
```

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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