

Converting Colors

YUV(221.5410, 16.0023,
-46.0785)

Have a look what the booklet for
YUV(221.5410, 16.0023, -46.0785)
contains.

YUV(221.5410, 16.0023, -46.0785)	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(221.5410, 16.0023,
-46.0785)**

Conversions

Conversions Part 1

Format	Color
Hex	A9F2FE
RGB	169, 242, 254
RGB Percent	66%, 95%, 100%
CMY	0.3373, 0.0510, 0.0039
CMYK	0.33, 0.05, 0.00, 0.00
HSL	188°, 98%, 83%
HSV	188°, 33%, 100%
XYZ	66.0037, 79.0950, 105.5540
YIQ	221.5410, -47.3600, -11.7440

Conversions

Conversions Part 2

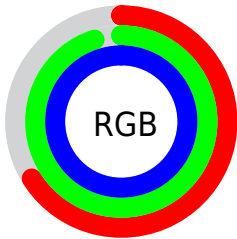
Format	Color
R _Y B	169, 208, 254
Decimal	11137790
CIE Lab	91.28, -19.63, -12.98
CIE LCh	91, 23.533, 213.473
Yxy	79.0950, 0.2633, 0.3156
Android (android.graphics.Color)	4289327870 (0xFFA9F2FE)
YUV	221.5410, 16.0023, -46.0785
Hunter-Lab	88.9354, -23.1625, -8.1143

Details

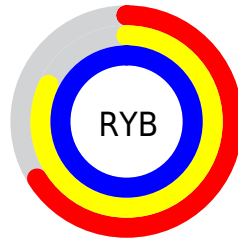
The YUV color **221.5410, 16.0023, -46.0785** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **201.4590, -16.0023, 46.0785**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.6280, 4.1274, -17.2138**, and **165.4270, 15.5655, -45.9785** is the 20% darker color. If you saturate the color by 10%, you get **211.7180, 20.8450, -59.3887**, and if you desaturate by 10%, it is **231.3640, 11.1595, -32.7682**.

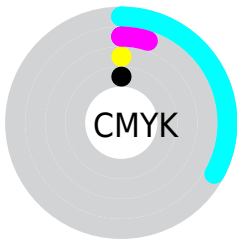
Distribution



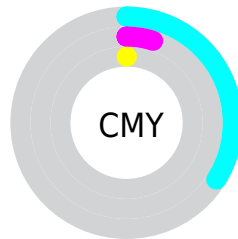
- Red (66%)
- Green (95%)
- Blue (100%)



- Red (66%)
- Yellow (82%)
- Blue (100%)



- Cyan (33%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.5410, 16.0023, -46.0785 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 221.5410, 16.0023, -46.0785 by changing the saturation by 10% instead.

■ 221.5410, 16.0023,
-46.0785

■ 221.5410, 16.0023,
-46.0785

255.0000, 0.0000,
0.0000

■ 193.4270, 15.5655,
-45.9785

■ 246.6280, 4.1274,
-17.2138

■ 165.4270, 15.5655,
-45.9785

■ 138.4270, 15.5655,
-45.9785

■ 110.9430, 16.2971,
-47.3080

■ 83.7360, 16.8922,
-51.5115

■ 59.3230, 16.6028,
-52.0263

■ 42.6130, 13.5018,

-37.3716

■ 27.0770, 9.8220,
-23.7465

■ 8.9480, 8.8996,
-7.8474

■ 221.5410, 16.0023,
-46.0785

■ 221.5410, 16.0023,
-46.0785

■ 211.7180, 20.8450,
-59.3887

■ 231.3640, 11.1595,
-32.7682

■ 202.1830, 25.5458,
-73.8285

■ 240.8990, 6.4588,
-18.3284

■ 192.3600, 30.3885,
-87.1387

■ 250.7220, 1.6161,
-5.0182

■ 182.8250, 35.0893,
-101.5785

■ 254.8860, -0.4368,
0.1000

■ 173.0020, 39.9320,
-114.8888

■ 163.1790, 44.7748,
-128.1990

■ 156.9220, 47.8595,
-137.6206

Harmonies

Analogous

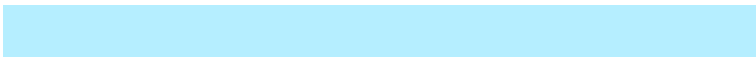
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.4140, 5.2189, -40.7051



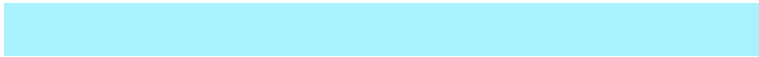
221.5410, 16.0023, -46.0785



222.8950, 15.8278, -36.7419

Triad

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



221.5410, 16.0023, -46.0785



232.2380, 9.2497, 19.9623



228.7680, -21.5776, 14.2355

Complementary

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



221.5410, 16.0023, -46.0785



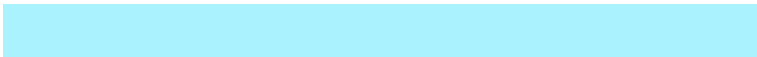
201.4590, -16.0023, 46.0785

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.



228.2190, -18.8420, 23.4869



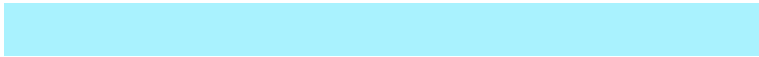
221.5410, 16.0023, -46.0785



227.8550, 0.0715, 23.8062

Square

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



221.5410, 16.0023, -46.0785



230.8340, 11.9138, 5.4076



226.5210, -10.1169, 24.9761



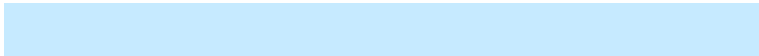
226.2000, -16.8606, -5.4374

Rectangle

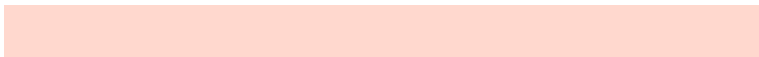
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221.5410, 16.0023, -46.0785



225.6300, 14.4794, -24.2315



226.5210, -10.1169, 24.9761



229.8010, -21.5939, 19.4685

Sweetspot

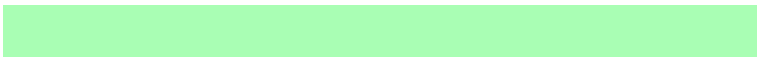
The Sweet Spot groups the original color and five complimentary colors.



221.5410, 16.0023, -46.0785



245.1770, 4.8427, -13.3102



220.1490, -19.7935, -44.8577



121.4550, 3.2267, -8.2920



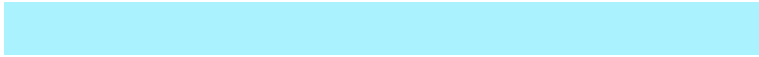
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



221.5410, 16.0023, -46.0785



216.2840, 19.0870, -55.5001



196.8870, 28.1567, -24.4569



122.9390, 2.4951, -6.9625



118.0420, 35.9683, -103.5228



39.5810, 12.0386, -34.7125

Inverse Universe

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



202.7370, 19.3567, 44.9577



193.5300, 23.4027, 53.9092



226.1130, -28.1567, 24.4569



120.1410, 2.8885, 6.8923



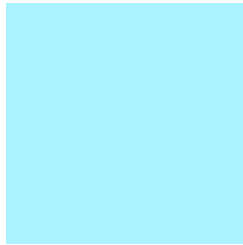
75.8050, 43.4801, 101.0260



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 221.5410, 16.0023, -46.0785 looks on a white background.

Color Contrast Check

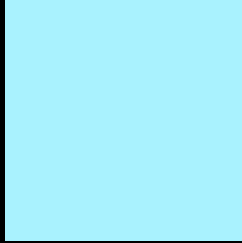
Large Text (above 18pt) WCAG AA × Fail

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 221.5410, 16.0023, -46.0785 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 221.5410, 16.0023, -46.0785

Background



This preview shows how black text looks on a background with the YUV color 221.5410, 16.0023, -46.0785.



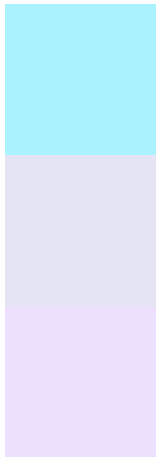
This preview shows how white text looks on a background with the YUV color 221.5410, 16.0023, -46.0785.

-46.0785.

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

221.5410, 16.0023, -46.0785

Protanopia

229.9380, 7.4256, -1.6996

Deuteranopia

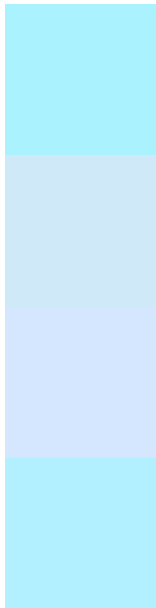
231.4210, 11.6244, 4.8928



Tritanopia

224.0800, 15.2436, -36.0272

Trichromacy



Original Color

221.5410, 16.0023, -46.0785

Protanomaly

226.9360, 10.3846, -17.4839

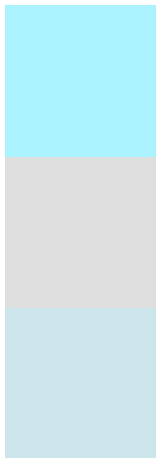
Deuteranomaly

228.0550, 13.2839, -14.0802

Tritanomaly

223.1720, 15.6912, -39.6158

Monochromacy



Original Color

221.5410, 16.0023, -46.0785

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.7960, 6.0166, -16.4841

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.5410, 16.0023, -46.0785 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(169, 242, 254)` looks like.

```
.text, #text, p{  
    color:rgb(169, 242, 254)  
}
```

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(169, 242, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 242, 254) }
```

Border

The CSS property to change the border of an element to YUV 221.5410, 16.0023, -46.0785 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(169, 242, 254) }
```


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

```
.border{ border-color:rgb(169, 242, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 242, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 242, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 242, 254);  
box-shadow:4px 4px 4px 4px rgb(169, 242,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 221.5410, 16.0023, -46.0785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 242, 254) }
```

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

```
.background{ background-color: rgb(169,  
242, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor