

Converting Colors

YUV(216.6380, 18.9125,
-46.1635)

Have a look what the booklet for
YUV(216.6380, 18.9125, -46.1635)
contains.

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Color

**YUV(216.6380, 18.9125,
-46.1635)**

Conversions

Conversions Part 1

Format	Color
Hex	A4ECFF
RGB	164, 236, 255
RGB Percent	64%, 93%, 100%
CMY	0.3569, 0.0745, 0.0000
CMYK	0.36, 0.07, 0.00, 0.00
HSL	193°, 100%, 82%
HSV	193°, 36%, 100%
XYZ	63.3553, 75.1034, 105.7650
YIQ	216.6380, -49.0110, -9.3550

Conversions

Conversions Part 2

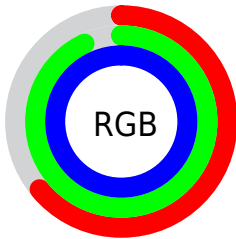
Format	Color
RYB	164, 204, 255
Decimal	10808575
CIELab	89.44, -17.72, -16.28
CIELCh	89, 24.061, 222.569
Yxy	75.1034, 0.2594, 0.3075
Android (android.graphics.Color)	4288998655 (0xFFA4ECFF)
YUV	216.6380, 18.9125, -46.1635
Hunter-Lab	86.6622, -21.1647, -11.6956

Details

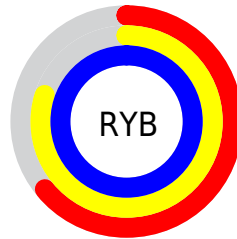
The YUV color **216.6380, 18.9125, -46.1635** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **202.3620, -18.9125, 46.1635**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1330, 4.8644, -20.2876**, and **160.5240, 18.4757, -46.0635** is the 20% darker color. If you saturate the color by 10%, you get **206.2280, 24.0446, -58.9590**, and if you desaturate by 10%, it is **227.3470, 13.6329, -32.7533**.

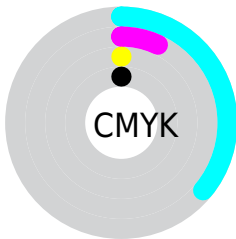
Distribution



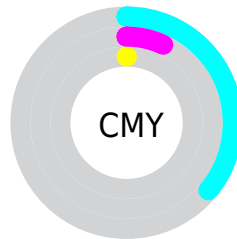
- Red (64%)
- Green (93%)
- Blue (100%)



- Red (64%)
- Yellow (80%)
- Blue (100%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.6380, 18.9125, -46.1635 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 216.6380, 18.9125, -46.1635 by changing the saturation by 10% instead.

216.6380, 18.9125,
-46.1635

216.6380, 18.9125,
-46.1635

255.0000, 0.0000,
0.0000

188.5240, 18.4757,
-46.0635

245.1330, 4.8644,
-20.2876

160.5240, 18.4757,
-46.0635

253.8040, 0.5896,
-2.4591

133.2250, 18.6231,
-46.6783

106.2140, 18.6285,
-48.4227

77.3270, 20.5448,
-56.4148

56.5020, 18.4865,
-49.5523

40.2650, 14.6594,

-35.3124

■ 24.8430, 11.4164,
-21.7873

■ 3.7790, 11.9410,
-3.3142

■ 216.6380, 18.9125,
-46.1635

■ 216.6380, 18.9125,
-46.1635

■ 206.2280, 24.0446,
-58.9590

■ 227.3470, 13.6329,
-32.7533

■ 194.9320, 29.6135,
-71.8544

■ 238.3440, 8.2114,
-20.4727

■ 184.5220, 34.7457,
-84.6498

■ 249.0530, 2.9319,
-7.0625

■ 173.8130, 40.0252,
-98.0600

■ 255.0000, 0.0000,
0.0000

■ 162.5170, 45.5941,
-110.9554

■ 152.1070, 50.7262,
-123.7508

■ 147.6440, 52.9265,
-129.4838

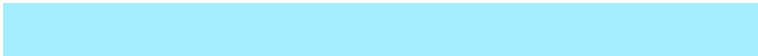
Harmonies

Analogous

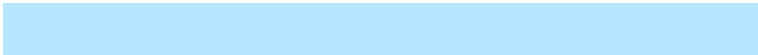
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215.7170, 9.0135, -44.4788



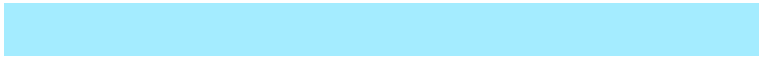
216.6380, 18.9125, -46.1635



219.0850, 17.7061, -32.5235

Triad

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



216.6380, 18.9125, -46.1635



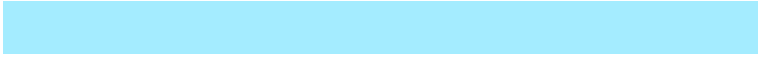
226.7610, 6.0338, 24.7656



222.5500, -20.9772, 8.2876

Complementary

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



216.6380, 18.9125, -46.1635



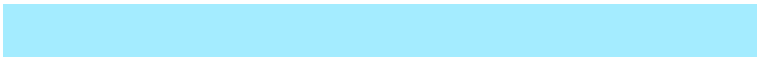
202.3620, -18.9125, 46.1635

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.



225.5460, -21.4682, 25.8312



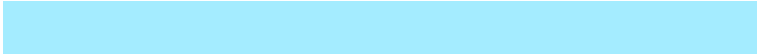
216.6380, 18.9125, -46.1635



223.5520, -3.7231, 27.5799

Square

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



216.6380, 18.9125, -46.1635



227.9210, 13.3499, 11.4703



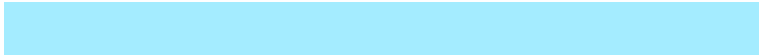
222.9190, -13.7641, 28.1350



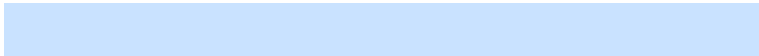
220.0250, -14.8023, -12.2999

Rectangle

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



216.6380, 18.9125, -46.1635



221.8310, 16.3523, -18.2688



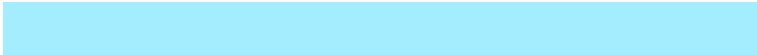
222.9190, -13.7641, 28.1350



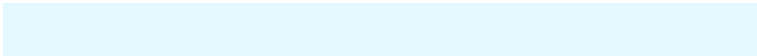
223.9530, -22.1618, 14.9502

Sweetspot

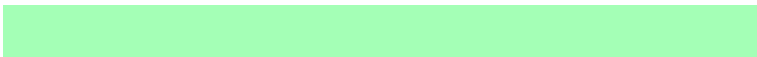
The Sweet Spot groups the original color and five complimentary colors.



216.6380, 18.9125, -46.1635



243.1060, 5.8637, -14.1250



219.4690, -18.4722, -48.6463



120.5690, 3.6635, -8.3920



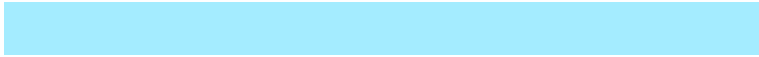
0.0000, 0.0000, 0.0000



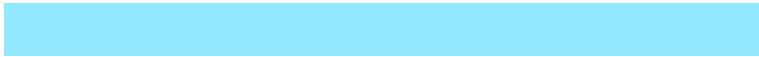
128.0000, 0.0000, 0.0000

Same Dimension

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



216.6380, 18.9125, -46.1635



208.6090, 22.8708, -55.7851



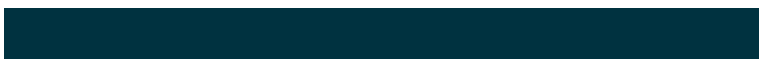
190.2230, 31.9351, -22.9976



122.3520, 2.7845, -6.4477



110.4110, 39.7304, -96.8304



36.6460, 13.4855, -32.1385

Inverse Universe

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



199.4170, 18.0354, 48.7463



187.8080, 21.7867, 58.9274



228.7770, -31.9351, 22.9976



120.0270, 2.4517, 6.9923



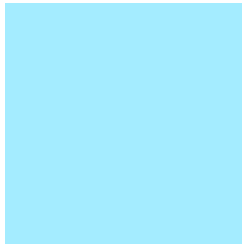
74.3230, 37.8018, 102.3257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 216.6380, 18.9125, -46.1635 looks on a white background.

Color Contrast Check

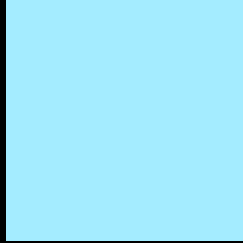
Large Text (above 18pt) WCAG AA × Fail

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 216.6380, 18.9125, -46.1635 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 216.6380, 18.9125, -46.1635

Background



This preview shows how black text looks on a background with the YUV color 216.6380, 18.9125, -46.1635.



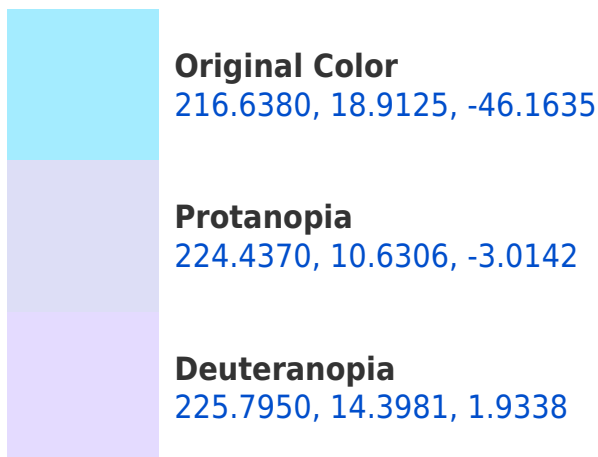
This preview shows how white text looks on a background with the YUV color 216.6380, 18.9125, -46.1635.

-46.1635.

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

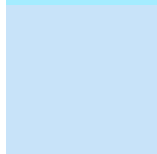
216.6380, 18.9125, -46.1635

Trichromacy



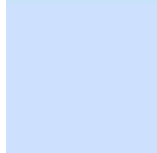
Original Color

216.6380, 18.9125, -46.1635



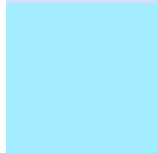
Protanomaly

221.4350, 13.5895, -18.7985



Deuteranomaly

222.4400, 16.0521, -15.2949



Tritanomaly

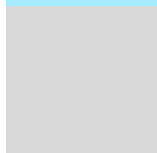
216.6380, 18.9125, -46.1635

Monochromacy



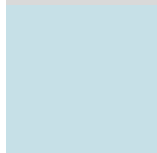
Original Color

216.6380, 18.9125, -46.1635



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

217.0240, 6.8902, -16.6840

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.6380, 18.9125, -46.1635 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(164, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(164, 236, 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(164, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 236, 255) }
```

Border

The CSS property to change the border of an element to YUV 216.6380, 18.9125, -46.1635 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(164, 236, 255) }
```


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

```
.border{ border-color:rgb(164, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(164, 236,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 216.6380, 18.9125, -46.1635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 236, 255) }
```

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

```
.background{ background-color: rgb(164,  
236, 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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