

Converting Colors

YUV(217.5410, 16.0023,
-46.0785)

Have a look what the booklet for
YUV(217.5410, 16.0023, -46.0785)
contains.

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Color

**YUV(217.5410, 16.0023,
-46.0785)**

Conversions

Conversions Part 1

Format	Color
Hex	A5EEFA
RGB	165, 238, 250
RGB Percent	65%, 93%, 98%
CMY	0.3529, 0.0667, 0.0196
CMYK	0.34, 0.05, 0.00, 0.02
HSL	188°, 89%, 81%
HSV	188°, 34%, 98%
XYZ	63.3469, 76.0505, 101.7830
YIQ	217.5410, -47.3600, -11.7440

Conversions

Conversions Part 2

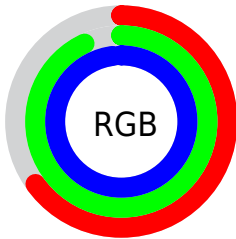
Format	Color
R _Y B	165, 204, 250
Decimal	10874618
CIE Lab	89.88, -19.64, -13.00
CIE LCh	90, 23.553, 213.495
Yxy	76.0505, 0.2627, 0.3153
Android (android.graphics.Color)	4289064698 (0xFFA5EEFA)
YUV	217.5410, 16.0023, -46.0785
Hunter-Lab	87.2070, -22.9502, -8.1550

Details

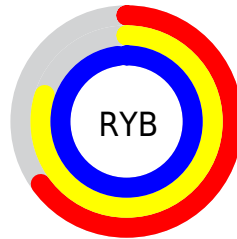
The YUV color **217.5410, 16.0023, -46.0785** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **197.4590, -16.0023, 46.0785**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1330, 4.8644, -20.2876**, and **161.5410, 16.0023, -46.0785** is the 20% darker color. If you saturate the color by 10%, you get **207.7180, 20.8450, -59.3887**, and if you desaturate by 10%, it is **227.3640, 11.1595, -32.7682**.

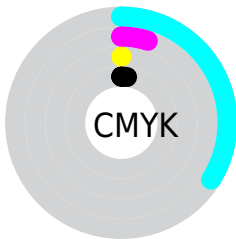
Distribution



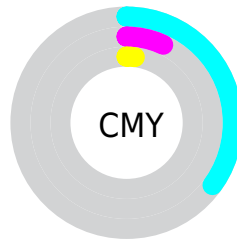
- Red (65%)
- Green (93%)
- Blue (98%)



- Red (65%)
- Yellow (80%)
- Blue (98%)



- Cyan (34%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (35%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.5410, 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 217.5410, 16.0023, -46.0785 by changing the saturation by 10% instead.

217.5410, 16.0023,
-46.0785

217.5410, 16.0023,
-46.0785

255.0000, 0.0000,
0.0000

189.4270, 15.5655,
-45.9785

245.1330, 4.8644,
-20.2876

161.5410, 16.0023,
-46.0785

254.1030, 0.4422,
-1.8443

134.4270, 15.5655,
-45.9785

107.5300, 16.0077,
-47.8228

79.5400, 17.4818,
-53.9706

56.6330, 16.4499,
-49.6671

40.5100, 13.0596,

-35.5273

■ 25.5610, 9.0904,
-22.4170

■ 3.4370, 10.6306,
-3.0142

■ 217.5410, 16.0023,
-46.0785

■ 217.5410, 16.0023,
-46.0785

■ 207.7180, 20.8450,
-59.3887

■ 227.3640, 11.1595,
-32.7682

■ 198.4820, 25.3984,
-73.2137

■ 236.6000, 6.6062,
-18.9432

■ 188.6590, 30.2411,
-86.5239

■ 246.4230, 1.7635,
-5.6330

■ 179.4230, 34.7945,
-100.3490

■ 252.6690, -1.3158,
2.0443

■ 169.6000, 39.6372,
-113.6592

■ 254.4300, -2.1840,
0.4999

■ 160.3640, 44.1905,
-127.4842

■ 154.7050, 46.9804,
-135.6763

Harmonies

Analogous

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



217.4140, 5.2189, -40.7051



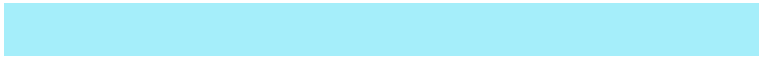
217.5410, 16.0023, -46.0785



219.3510, 17.5750, -37.1418

Triad

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



217.5410, 16.0023, -46.0785



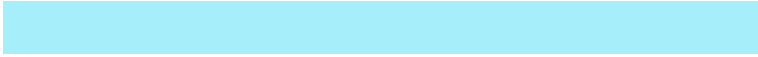
229.4340, 8.6600, 22.4214



224.7680, -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.



217.5410, 16.0023, -46.0785



197.4590, -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.



225.4150, -19.4316, 25.9460



217.5410, 16.0023, -46.0785



225.0510, -0.5181, 26.2653

Square

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



217.5410, 16.0023, -46.0785



227.2900, 13.6610, 5.0077



223.7170, -10.7065, 27.4352



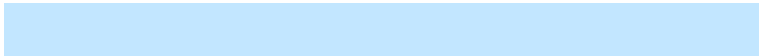
222.2000, -16.8606, -5.4374

Rectangle

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



217.5410, 16.0023, -46.0785



222.0860, 16.2266, -24.6314



223.7170, -10.7065, 27.4352



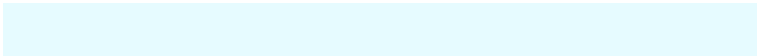
225.8010, -21.5939, 19.4685

Sweetspot

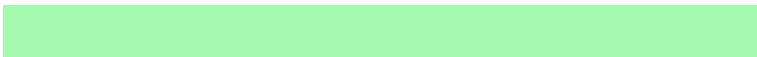
The Sweet Spot groups the original color and five complimentary colors.



217.5410, 16.0023, -46.0785



245.1770, 4.8427, -13.3102



216.1490, -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.



217.5410, 16.0023, -46.0785



214.8000, 19.8186, -56.8296



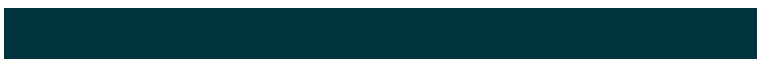
192.8870, 28.1567, -24.4569



119.9390, 2.4951, -6.9625



116.6400, 35.6735, -102.2933



38.0650, 11.3070, -33.3830

Inverse Universe

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



198.7370, 19.3567, 44.9577



191.6550, 23.8341, 55.5536



222.1130, -28.1567, 24.4569



117.1410, 2.8885, 6.8923



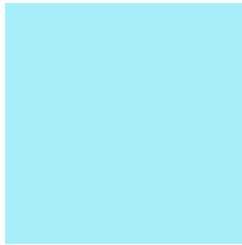
74.9790, 42.9014, 99.9964



24.2810, 14.1585, 32.2026

Previews

White Background



This preview shows how the YUV color 217.5410, 16.0023, -46.0785 looks on a white background.

Color Contrast Check

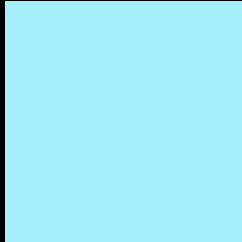
Large Text (above 18pt) WCAG AA × Fail

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 217.5410, 16.0023, -46.0785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

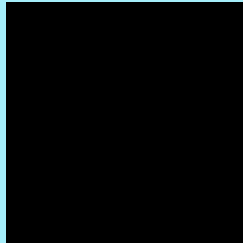
Any Text WCAG AA ✓ Pass

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 217.5410, 16.0023, -46.0785 Background



This preview shows how black text looks on a background with the YUV color 217.5410, 16.0023, -46.0785.



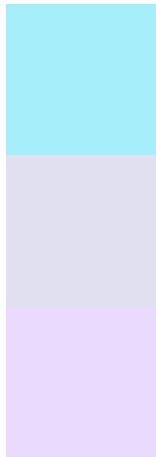
This preview shows how white text looks on a background with the YUV color 217.5410, 16.0023, -46.0785.

-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

217.5410, 16.0023, -46.0785

Protanopia

225.9380, 7.4256, -1.6996

Deuteranopia

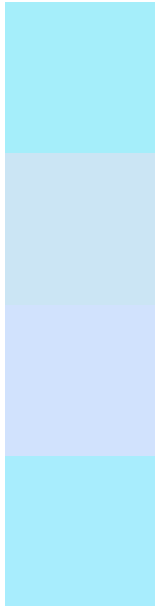
227.4750, 13.0768, 5.7224



Tritanopia

218.7200, 17.8860, -43.6044

Trichromacy



Original Color

217.5410, 16.0023, -46.0785

Protanomaly

222.9360, 10.3846, -17.4839

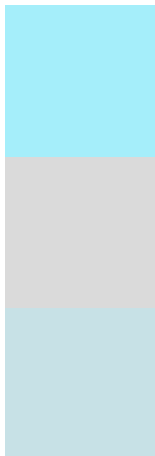
Deuteranomaly

223.9950, 14.2995, -13.1506

Tritanomaly

218.1930, 17.1599, -44.0193

Monochromacy



Original Color

217.5410, 16.0023, -46.0785

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.7960, 6.0166, -16.4841

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.5410, 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(165, 238, 250)` looks like.

```
.text, #text, p{  
    color:rgb(165, 238, 250)  
}
```

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(165, 238, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 238, 250) }
```

Border

The CSS property to change the border of an element to YUV 217.5410, 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(165, 238, 250) }
```


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

```
.border{ border-color:rgb(165, 238, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 238, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 238, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 238, 250);  
box-shadow:4px 4px 4px 4px rgb(165, 238,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 217.5410, 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(165, 238, 250) }
```

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

```
.background{ background-color: rgb(165,  
238, 250) }
```

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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