

Converting Colors

YUV(220.7580, 16.8813,
-48.0228)

Have a look what the booklet for
YUV(220.7580, 16.8813, -48.0228)
contains.

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Color

**YUV(220.7580, 16.8813,
-48.0228)**

Conversions

Conversions Part 1

Format	Color
Hex	A6F2FF
RGB	166, 242, 255
RGB Percent	65%, 95%, 100%
CMY	0.3490, 0.0510, 0.0000
CMYK	0.35, 0.05, 0.00, 0.00
HSL	189°, 100%, 83%
HSV	189°, 35%, 100%
XYZ	65.5280, 78.8313, 106.3700
YIQ	220.7580, -49.4690, -12.0690

Conversions

Conversions Part 2

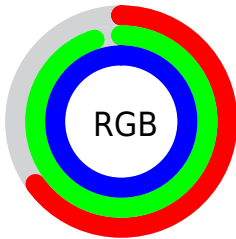
Format	Color
RYB	166, 207, 255
Decimal	10941183
CIELab	91.16, -20.18, -13.69
CIElCh	91, 24.389, 214.159
Yxy	78.8313, 0.2613, 0.3144
Android (android.graphics.Color)	4289131263 (0xFFA6F2FF)
YUV	220.7580, 16.8813, -48.0228
Hunter-Lab	88.7870, -23.6377, -8.8807

Details

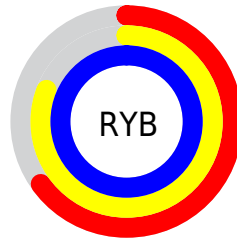
The YUV color **220.7580, 16.8813, -48.0228** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **200.2420, -16.8813, 48.0228**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.7310, 4.5696, -19.0581**, and **164.6440, 16.4445, -47.9228** is the 20% darker color. If you saturate the color by 10%, you get **210.9350, 21.7240, -61.3330**, and if you desaturate by 10%, it is **230.8800, 11.8912, -34.0978**.

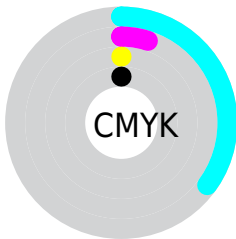
Distribution



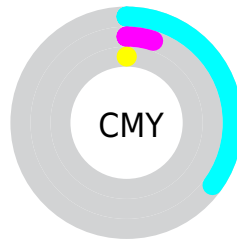
- Red (65%)
- Green (95%)
- Blue (100%)



- Red (65%)
- Yellow (81%)
- Blue (100%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.7580, 16.8813, -48.0228 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 220.7580, 16.8813, -48.0228 by changing the saturation by 10% instead.

220.7580, 16.8813,
-48.0228

220.7580, 16.8813,
-48.0228

255.0000, 0.0000,
0.0000

192.6440, 16.4445,
-47.9228

245.7310, 4.5696,
-19.0581

164.6440, 16.4445,
-47.9228

254.4020, 0.2948,
-1.2296

137.3450, 16.5919,
-48.5376

109.7470, 16.8867,
-49.7671

81.1590, 18.6556,
-57.1444

59.4370, 17.0396,
-52.1262

42.6130, 13.5018,

-37.3716

■ 27.1910, 10.2588,
-23.8465

■ 8.4750, 9.6258,
-7.4326

■ 220.7580, 16.8813,
-48.0228

■ 220.7580, 16.8813,
-48.0228

■ 210.9350, 21.7240,
-61.3330

■ 230.8800, 11.8912,
-34.0978

■ 201.4000, 26.4248,
-75.7728

■ 240.1160, 7.3378,
-20.2727

■ 191.5770, 31.2675,
-89.0830

■ 250.2380, 2.3477,
-6.3477

■ 181.4550, 36.2577,
-103.0080

■ 255.0000, 0.0000,
0.0000

■ 171.3330, 41.2478,
-116.9330

■ 162.0970, 45.8012,
-130.7581

■ 157.0360, 48.2963,
-137.7206

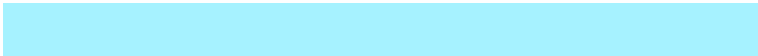
Harmonies

Analogous

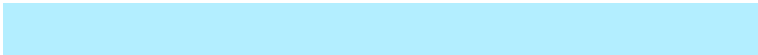
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.5170, 5.6611, -42.5494



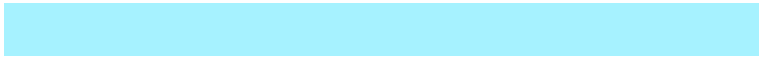
220.7580, 16.8813, -48.0228



222.2970, 16.1226, -37.9715

Triad

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



220.7580, 16.8813, -48.0228



231.5370, 9.1023, 20.5771



228.2410, -22.3038, 13.8206

Complementary

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



220.7580, 16.8813, -48.0228



200.2420, -16.8813, 48.0228

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.



227.4040, -19.4262, 24.2017



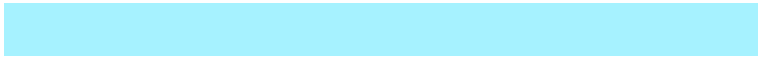
220.7580, 16.8813, -48.0228



227.1540, -0.0759, 24.4209

Square

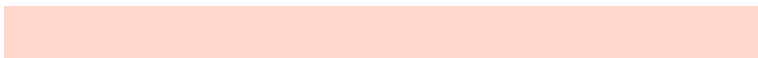
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



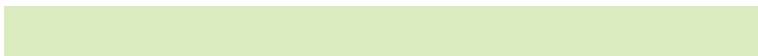
220.7580, 16.8813, -48.0228



231.1330, 11.7664, 6.0224



225.7060, -10.7011, 25.6908



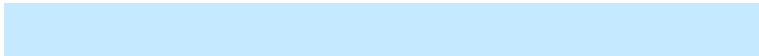
225.4880, -17.0026, -6.5670

Rectangle

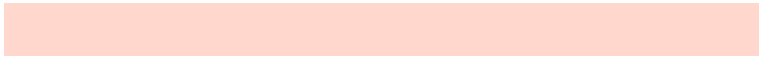
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220.7580, 16.8813, -48.0228



224.7440, 14.9162, -24.3315



225.7060, -10.7011, 25.6908



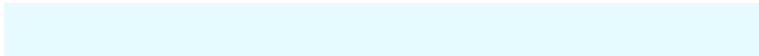
229.4590, -22.9043, 19.7685

Sweetspot

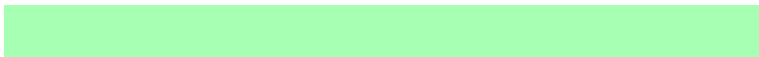
The Sweet Spot groups the original color and five complimentary colors.



220.7580, 16.8813, -48.0228



245.1770, 4.8427, -13.3102



219.6110, -20.5142, -47.0168



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.



220.7580, 16.8813, -48.0228



213.6150, 20.4028, -57.5444



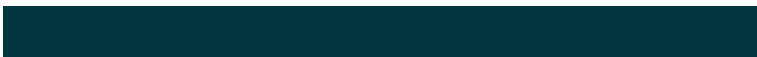
195.5170, 29.3251, -25.8864



122.9390, 2.4951, -6.9625



117.4550, 36.2577, -103.0080



38.9940, 12.3280, -34.1977

Inverse Universe

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



201.2750, 20.0774, 47.1168



190.3670, 23.9761, 56.6831



225.4830, -29.3251, 25.8864



120.1410, 2.8885, 6.8923



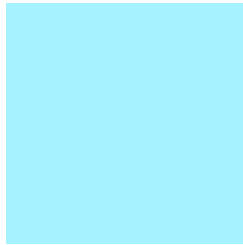
75.6910, 43.0433, 101.1260



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 220.7580, 16.8813, -48.0228 looks on a white background.

Color Contrast Check

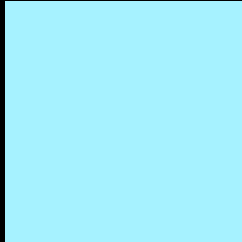
Large Text (above 18pt) WCAG AA × Fail

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 220.7580, 16.8813, -48.0228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

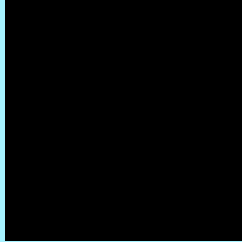
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 220.7580, 16.8813, -48.0228

Background



This preview shows how black text looks on a background with the YUV color 220.7580, 16.8813, -48.0228.



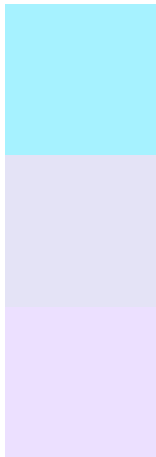
This preview shows how white text looks on a background with the YUV color 220.7580, 16.8813,

-48.0228.

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

220.7580, 16.8813, -48.0228

Protanopia

229.4650, 8.1518, -1.2848

Deuteranopia

231.1220, 11.7719, 4.2780



Tritanopia

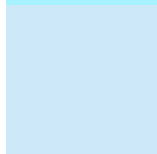
223.4820, 15.5384, -37.2567

Trichromacy



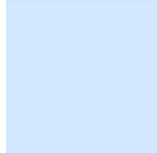
Original Color

220.7580, 16.8813, -48.0228



Protanomaly

225.8650, 11.4056, -18.2986



Deuteranomaly

227.7560, 13.4313, -14.6950



Tritanomaly

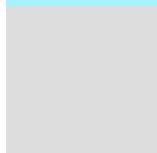
222.5740, 15.9860, -40.8454

Monochromacy



Original Color

220.7580, 16.8813, -48.0228



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

221.0840, 5.8746, -17.6137

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.7580, 16.8813, -48.0228 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(166, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 242, 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(166, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 242, 255) }
```

Border

The CSS property to change the border of an element to YUV 220.7580, 16.8813, -48.0228 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(166, 242, 255) }
```


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

```
.border{ border-color:rgb(166, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 242,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 220.7580, 16.8813, -48.0228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 242, 255) }
```

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

```
.background{ background-color: rgb(166,  
242, 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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