

Converting Colors

YUV(221.8760, 11.4001,
-16.5543)

Have a look what the booklet for
YUV(221.8760, 11.4001, -16.5543)
contains.

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Color

**YUV(221.8760, 11.4001,
-16.5543)**

Conversions

Conversions Part 1

Format	Color
Hex	CBE3F5
RGB	203, 227, 245
RGB Percent	80%, 89%, 96%
CMY	0.2039, 0.1098, 0.0392
CMYK	0.17, 0.07, 0.00, 0.04
HSL	206°, 68%, 88%
HSV	206°, 17%, 96%
XYZ	68.5791, 74.2273, 97.0990
YIQ	221.8760, -20.0820, 0.5100

Conversions

Conversions Part 2

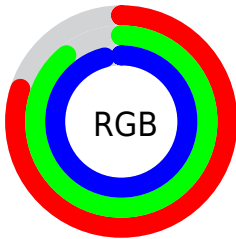
Format	Color
R _Y B	203, 218, 245
Decimal	13362165
CIE Lab	89.03, -4.26, -11.42
CIE LCh	89, 12.190, 249.558
Yxy	74.2273, 0.2859, 0.3094
Android (android.graphics.Color)	4291552245 (0xFFCBE3F5)
YUV	221.8760, 11.4001, -16.5543
Hunter-Lab	86.1552, -8.6866, -6.5126

Details

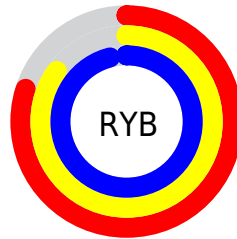
The YUV color **221.8760, 11.4001, -16.5543** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **226.1240, -11.4001, 16.5543**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **166.7620, 10.9633, -16.4543** is the 20% darker color. If you saturate the color by 10%, you get **208.5310, 17.9792, -26.7757**, and if you desaturate by 10%, it is **235.5090, 4.6791, -7.4624**.

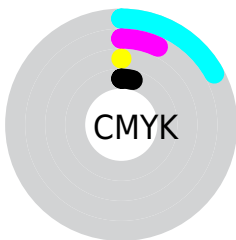
Distribution



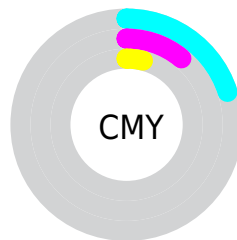
- Red (80%)
- Green (89%)
- Blue (96%)



- Red (80%)
- Yellow (85%)
- Blue (96%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.8760, 11.4001, -16.5543 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 221.8760, 11.4001, -16.5543 by changing the saturation by 10% instead.

■ 221.8760, 11.4001,
-16.5543

■ 221.8760, 11.4001,
-16.5543

255.0000, 0.0000,
0.0000

■ 193.8760, 11.4001,
-16.5543

■ 166.7620, 10.9633,
-16.4543

■ 140.0610, 10.8159,
-15.8395

■ 114.8330, 9.9423,
-15.6395

■ 90.1320, 9.7949,
-15.0248

■ 66.1320, 9.7949,
-15.0248

■ 43.7190, 9.5055,

-15.5396

■ 22.0070, 9.3635,
-16.6691

■ 2.8670, 8.4466,
-2.5144

■ 221.8760, 11.4001,
-16.5543

■ 221.8760, 11.4001,
-16.5543

■ 208.5310, 17.9792,
-26.7757

■ 235.5090, 4.6791,
-7.4624

■ 194.8980, 24.7003,
-35.8675

■ 248.8540, -1.9000,
2.7590

■ 181.8520, 31.1320,
-45.4742

■ 253.8600, -4.3680,
0.9998

■ 167.9200, 38.0004,
-55.1808

■ 154.5750, 44.5795,
-65.4023

■ 140.9420, 51.3006,
-74.4941

■ 127.5970, 57.8797,
-84.7156

■ 113.9640, 64.6007,
-93.8074

■ 110.1100, 66.5008,
-96.5665

Harmonies

Analogous

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



220.4470, 8.6536, -22.3170



221.8760, 11.4001, -16.5543



223.5290, 11.0782, -6.6029

Triad

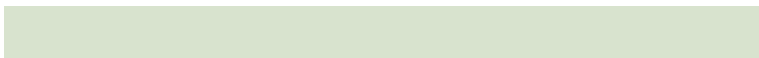
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.8760, 11.4001, -16.5543



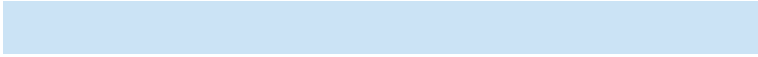
226.0240, -2.9698, 19.2730



221.3170, -7.5513, -4.6630

Complementary

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



221.8760, 11.4001, -16.5543



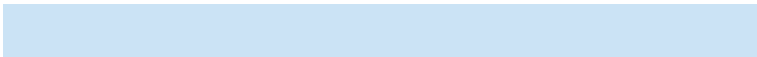
226.1240, -11.4001, 16.5543

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.



222.8730, -10.7834, 5.3734



221.8760, 11.4001, -16.5543



225.3570, -8.0640, 19.8579

Square

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



221.8760, 11.4001, -16.5543



226.1850, 2.8668, 13.8698



224.2270, -10.9579, 14.7099



220.5160, -2.7194, -14.4845

Rectangle

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



221.8760, 11.4001, -16.5543



225.1170, 9.3093, 0.7744



224.2270, -10.9579, 14.7099



221.5840, -9.1619, -1.3892

Sweetspot

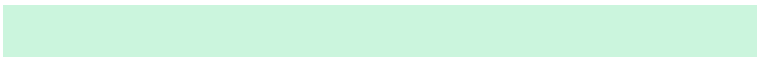
The Sweet Spot groups the original color and five complimentary colors.



221.8760, 11.4001, -16.5543



248.1780, 3.3632, -5.4181



229.7060, -4.2921, -23.4212



123.2600, 2.3368, -2.8590



0.0000, 0.0000, 0.0000



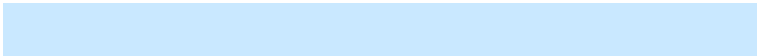
128.0000, 0.0000, 0.0000

Same Dimension

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



221.8760, 11.4001, -16.5543



225.3530, 14.6160, -21.3576



209.5490, 17.4773, -5.7435



115.4770, 3.2158, -4.8033



83.4260, 50.5690, -73.1646



26.6840, 15.9318, -23.4019

Inverse Universe

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



218.2940, 4.2921, 23.4212



220.6800, 5.5808, 30.0986



238.4510, -17.4773, 5.7435



114.3860, 1.2887, 6.6775



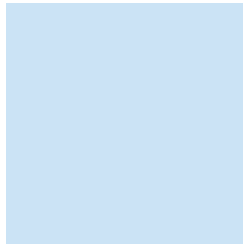
67.6980, 18.8829, 103.7509



21.5170, 6.1541, 32.8726

Previews

White Background



This preview shows how the YUV color 221.8760, 11.4001, -16.5543 looks on a white background.

Color Contrast Check

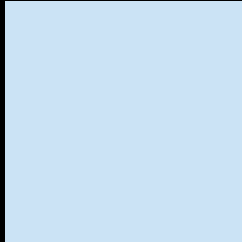
Large Text (above 18pt) WCAG AA × Fail

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 221.8760, 11.4001, -16.5543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

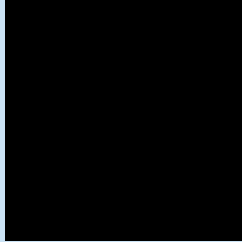
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

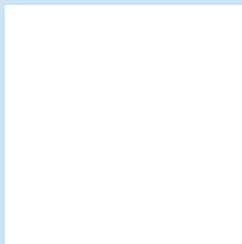
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 221.8760, 11.4001, -16.5543

Background



This preview shows how black text looks on a background with the YUV color 221.8760, 11.4001, -16.5543.



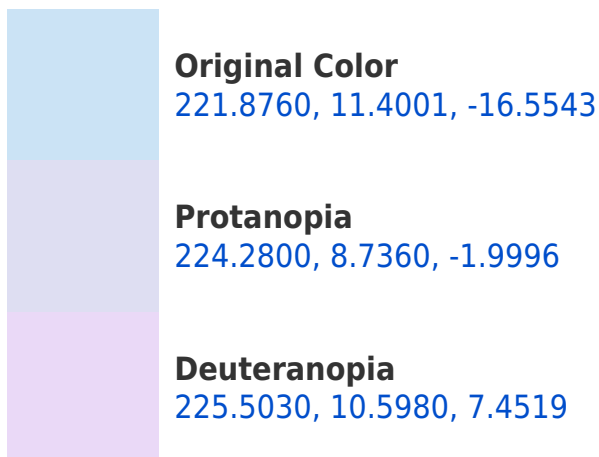
This preview shows how white text looks on a background with the YUV color 221.8760, 11.4001, -16.5543.

-16.5543.

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

221.8760, 11.4001, -16.5543

Trichromacy



Original Color

221.8760, 11.4001, -16.5543

Protanomaly

223.4750, 9.6258, -7.4326

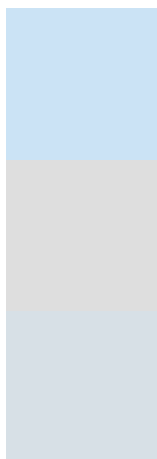
Deuteranomaly

224.4480, 10.6251, -1.2699

Tritanomaly

221.8760, 11.4001, -16.5543

Monochromacy



Original Color

221.8760, 11.4001, -16.5543

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.9930, 3.9475, -6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.8760, 11.4001, -16.5543 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(203, 227, 245)` looks like.

```
.text, #text, p{  
    color:rgb(203, 227, 245)  
}
```

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(203, 227, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 227, 245) }
```

Border

The CSS property to change the border of an element to YUV 221.8760, 11.4001, -16.5543 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(203, 227, 245) }
```


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

```
.border{ border-color:rgb(203, 227, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 227, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 227, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 227, 245);  
box-shadow:4px 4px 4px 4px rgb(203, 227,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 221.8760, 11.4001, -16.5543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 227, 245) }
```

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

```
.background{ background-color: rgb(203,  
227, 245) }
```

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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