

Converting Colors

YUV(193.8760, 11.4001,
-16.5543)

Have a look what the booklet for
YUV(193.8760, 11.4001, -16.5543)
contains.

YUV(193.8760, 11.4001, -16.5543)	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(193.8760, 11.4001,
-16.5543)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC7D9
RGB	175, 199, 217
RGB Percent	69%, 78%, 85%
CMY	0.3137, 0.2196, 0.1490
CMYK	0.19, 0.08, 0.00, 0.15
HSL	206°, 36%, 77%
HSV	206°, 19%, 85%
XYZ	50.6270, 54.9706, 73.5877
YIQ	193.8760, -20.0820, 0.5100

Conversions

Conversions Part 2

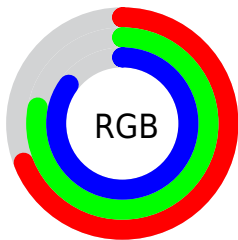
Format	Color
R _Y B	175, 190, 217
Decimal	11519961
CIE Lab	79.02, -4.28, -11.68
CIE LCh	79, 12.439, 249.873
Yxy	54.9706, 0.2825, 0.3068
Android (android.graphics.Color)	4289710041 (0xFFAFC7D9)
YUV	193.8760, 11.4001, -16.5543
Hunter-Lab	74.1421, -7.8623, -6.9471

Details

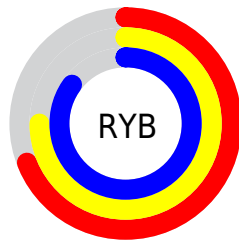
The YUV color $193.8760, 11.4001, -16.5543$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $198.1240, -11.4001, 16.5543$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8240, 3.5378, -14.7546$, and $140.0610, 10.8159, -15.8395$ is the 20% darker color. If you saturate the color by 10%, you get $182.0150, 17.2476, -25.4462$, and if you desaturate by 10%, it is $205.7370, 5.5527, -7.6623$.

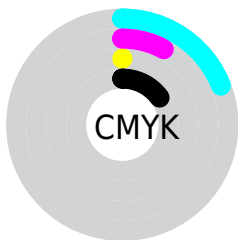
Distribution



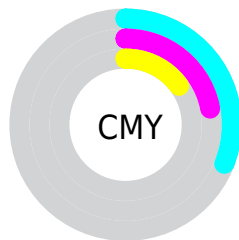
- Red (69%)
- Green (78%)
- Blue (85%)



- Red (69%)
- Yellow (75%)
- Blue (85%)



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (31%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.8760, 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 193.8760, 11.4001, -16.5543 by changing the saturation by 10% instead.

■ 193.8760, 11.4001,
-16.5543

■ 193.8760, 11.4001,
-16.5543

255.0000, 0.0000,
0.0000

■ 166.7620, 10.9633,
-16.4543

■ 247.8240, 3.5378,
-14.7546

■ 140.0610, 10.8159,
-15.8395

■ 114.9470, 10.3791,
-15.7395

■ 89.9470, 10.3791,
-15.7395

■ 66.1320, 9.7949,
-15.0248

■ 43.7190, 9.5055,
-15.5396

■ 22.0070, 9.3635,

-16.6691

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 193.8760, 11.4001,
-16.5543

■ 193.8760, 11.4001,
-16.5543

■ 182.0150, 17.2476,
-25.4462

■ 205.7370, 5.5527,
-7.6623

■ 169.8660, 23.2371,
-33.2085

■ 217.8860, -0.4368,
0.1000

■ 158.0050, 29.0845,
-42.1004

■ 229.7470, -6.2843,
8.9919

■ 146.1440, 34.9320,
-50.9923

■ 239.5150,
-11.0999, 13.5803

■ 134.5820, 40.6321,
-59.2694

■ 244.7980,
-13.7044, 8.9472

■ 122.1340, 46.7689,
-67.6465

■ 250.6680,
-16.5983, 3.7992

■ 110.2730, 52.6164,
-76.5384

■ 98.4120, 58.4639,
-85.4303

■ 97.5260, 58.9007,
-85.5303

Harmonies

Analogous

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



192.4470, 8.6536, -22.3170



193.8760, 11.4001, -16.5543



195.5290, 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.



193.8760, 11.4001, -16.5543



198.0240, -2.9698, 19.2730



193.9040, -7.8407, -5.1778

Complementary

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



193.8760, 11.4001, -16.5543



198.1240, -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.



194.8730, -10.7834, 5.3734



193.8760, 11.4001, -16.5543



197.3570, -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.



193.8760, 11.4001, -16.5543



198.1850, 2.8668, 13.8698



196.2270, -10.9579, 14.7099



192.5160, -2.7194, -14.4845

Rectangle

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



193.8760, 11.4001, -16.5543



197.1170, 9.3093, 0.7744



196.2270, -10.9579, 14.7099



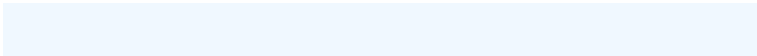
193.5840, -9.1619, -1.3892

Sweetspot

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



193.8760, 11.4001, -16.5543



246.4060, 4.2368, -5.6181



201.7060, -4.2921, -23.4212



122.9610, 2.4842, -3.4738



0.0000, 0.0000, 0.0000



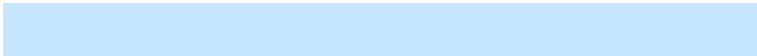
128.0000, 0.0000, 0.0000

Same Dimension

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



193.8760, 11.4001, -16.5543



222.6840, 15.9318, -23.4019



182.1360, 17.1880, -6.2583



103.7760, 3.0684, -4.1886



77.8350, 46.9163, -68.2613



20.5060, 12.5685, -17.9838

Inverse Universe

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



190.2940, 4.2921, 23.4212



217.5170, 6.1541, 32.8726



210.4510, -17.4773, 5.7435



102.9730, 0.9993, 6.1627



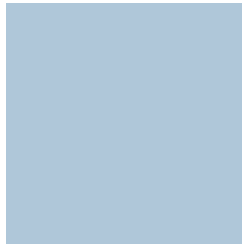
63.0130, 17.7416, 96.4586



16.7180, 4.5760, 25.6803

Previews

White Background



This preview shows how the YUV color 193.8760, 11.4001, -16.5543 looks on a white background.

Color Contrast Check

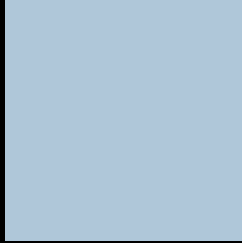
Large Text (above 18pt) WCAG AA × Fail

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 193.8760, 11.4001, -16.5543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

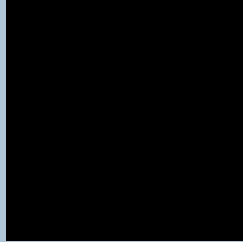
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

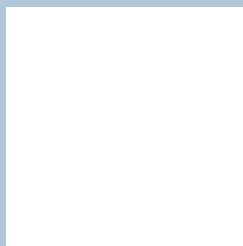
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 193.8760, 11.4001, -16.5543

Background



This preview shows how black text looks on a background with the YUV color 193.8760, 11.4001, -16.5543.



This preview shows how white text looks on a background with the YUV color 193.8760, 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



Original Color

193.8760, 11.4001, -16.5543

Protanopia

195.9810, 8.8834, -2.6143

Deuteranopia

197.1930, 10.7509, 5.0927



Tritanopia

193.6480, 10.5265, -16.3543

Trichromacy



Original Color

193.8760, 11.4001, -16.5543

Protanomaly

195.1760, 9.7732, -8.0474

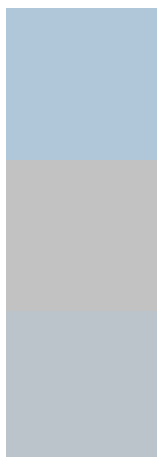
Deuteranomaly

195.8500, 10.9200, -2.4994

Tritanomaly

193.7620, 10.9633, -16.4543

Monochromacy



Original Color

193.8760, 11.4001, -16.5543

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.9930, 3.9475, -6.1329

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.8760, 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(175, 199, 217)` looks like.

```
.text, #text, p{  
    color:rgb(175, 199, 217)  
}
```

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(175, 199, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 199, 217) }
```

Border

The CSS property to change the border of an element to YUV 193.8760, 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(175, 199, 217) }
```


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

```
.border{ border-color:rgb(175, 199, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 199, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 199, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 199, 217); box-shadow:4px 4px 4px 4px rgb(175, 199, 217) }
```

Background

The CSS property to change the background color of an element to YUV 193.8760, 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(175, 199, 217) }
```

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

```
.background{ background-color: rgb(175,  
199, 217) }
```

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