

Converting Colors

YUV(205.2760, 14.6539,
-33.5681)

Have a look what the booklet for
YUV(205.2760, 14.6539, -33.5681)
contains.

YUV(205.2760, 14.6539, -33.5681)	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(205.2760, 14.6539,
-33.5681)**

Conversions

Conversions Part 1

Format	Color
Hex	A7DBEB
RGB	167, 219, 235
RGB Percent	65%, 86%, 92%
CMY	0.3451, 0.1412, 0.0784
CMYK	0.29, 0.07, 0.00, 0.08
HSL	194°, 63%, 79%
HSV	194°, 29%, 92%
XYZ	56.2633, 64.8767, 88.1543
YIQ	205.2760, -36.1280, -6.0480

Conversions

Conversions Part 2

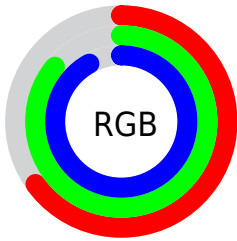
Format	Color
RYB	167, 196, 235
Decimal	11000811
CIELab	84.42, -13.02, -13.27
CIELCh	84, 18.591, 225.531
Yxy	64.8767, 0.2688, 0.3100
Android (android.graphics.Color)	4289190891 (0xFFA7DBEB)
YUV	205.2760, 14.6539, -33.5681
Hunter-Lab	80.5461, -16.2693, -8.5082

Details

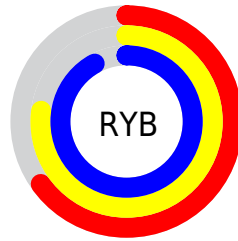
The YUV color $205.2760, 14.6539, -33.5681$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $196.7240, -14.6539, 33.5681$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.7310, 4.5696, -19.0581$, and $150.4610, 14.0697, -32.8533$ is the 20% darker color. If you saturate the color by 10%, you get $194.5780, 19.9280, -45.2339$, and if you desaturate by 10%, it is $215.9740, 9.3798, -21.9022$.

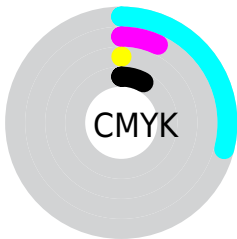
Distribution



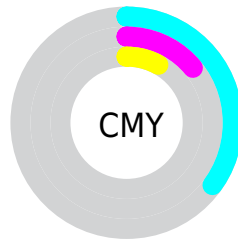
- Red (65%)
- Green (86%)
- Blue (92%)



- Red (65%)
- Yellow (77%)
- Blue (92%)



- Cyan (29%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (35%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.2760, 14.6539, -33.5681 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 205.2760, 14.6539, -33.5681 by changing the saturation by 10% instead.

■ 205.2760, 14.6539,
-33.5681

■ 205.2760, 14.6539,
-33.5681

■ 255.0000, 0.0000,
0.0000

■ 177.5750, 14.5065,
-32.9533

■ 245.7310, 4.5696,
-19.0581

■ 150.4610, 14.0697,
-32.8533

■ 254.4020, 0.2948,
-1.2296

■ 124.3470, 13.6329,
-32.7533

■ 98.4610, 14.0697,
-32.8533

■ 73.4500, 14.0751,
-34.5977

■ 46.4600, 15.5492,
-40.7454

■ 30.9240, 11.8695,

-27.1203

■ 17.2630, 7.7583,
-15.1397

■ 1.0260, 3.9312,
-0.8998

■ 205.2760, 14.6539,
-33.5681

■ 205.2760, 14.6539,
-33.5681

■ 194.5780, 19.9280,
-45.2339

■ 215.9740, 9.3798,
-21.9022

■ 184.7660, 24.7654,
-56.7998

■ 225.7860, 4.5425,
-10.3363

■ 174.3670, 29.8921,
-67.8509

■ 236.4840, -0.7316,
1.3295

■ 164.2560, 34.8768,
-80.0315

■ 244.5020, -4.6845,
9.2067

■ 153.8570, 40.0035,
-91.0826

■ 248.0240, -6.4208,
6.1180

■ 143.7460, 44.9882,
-103.2632

■ 250.9590, -7.8678,
3.5440

■ 133.0480, 50.2623,
-114.9291

■ 252.7200, -8.7360,
1.9996

■ 132.4500, 50.5572,
-116.1586

Harmonies

Analogous

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



204.3270, 7.2338, -33.6128



205.2760, 14.6539, -33.5681



208.1400, 17.6790, -23.8018

Triad

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



205.2760, 14.6539, -33.5681



213.9520, 2.9817, 23.7211



208.9070, -15.7302, 5.3436

Complementary

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



205.2760, 14.6539, -33.5681



196.7240, -14.6539, 33.5681

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.



211.3540, -16.9365, 18.9835



205.2760, 14.6539, -33.5681



213.9930, -5.9125, 29.8241

Square

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



205.2760, 14.6539, -33.5681



213.2260, 10.7346, 10.3258



212.4460, -13.0379, 28.5499



206.8880, -10.2978, -10.4258

Rectangle

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



205.2760, 14.6539, -33.5681



210.0920, 17.2096, -13.2357



212.4460, -13.0379, 28.5499



209.4130, -16.4726, 10.1618

Sweetspot

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



205.2760, 14.6539, -33.5681



245.1880, 4.8373, -11.5659



208.7400, -12.6898, -36.6060



121.1670, 3.3687, -7.1625



0.0000, 0.0000, 0.0000



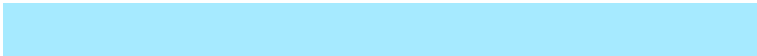
128.0000, 0.0000, 0.0000

Same Dimension

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



205.2760, 14.6539, -33.5681



216.0620, 19.1964, -43.9044



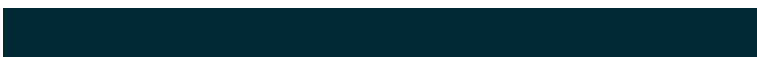
185.3180, 24.4932, -16.0649



112.5370, 2.2003, -5.7329



101.6400, 39.1245, -89.1383



30.2230, 11.7221, -26.5056

Inverse Universe

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



193.2600, 12.6898, 36.6060



200.3630, 16.5830, 47.9166



216.6820, -24.4932, 16.0649



110.3150, 2.3097, 5.8627



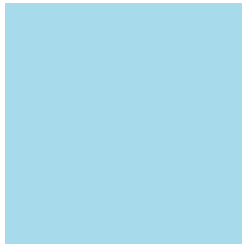
69.8510, 33.5975, 97.4777



20.8200, 9.9487, 29.0989

Previews

White Background



This preview shows how the YUV color 205.2760, 14.6539, -33.5681 looks on a white background.

Color Contrast Check

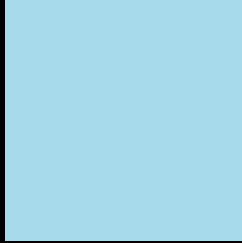
Large Text (above 18pt) WCAG AA × Fail

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 205.2760, 14.6539, -33.5681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

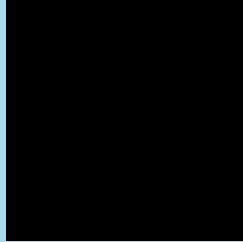
Any Text WCAG AA ✓ Pass

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 205.2760, 14.6539, -33.5681 Background



This preview shows how black text looks on a background with the YUV color 205.2760, 14.6539, -33.5681.



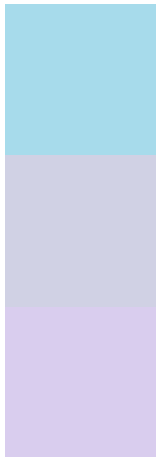
This preview shows how white text looks on a background with the YUV color 205.2760, 14.6539, -33.5681.

-33.5681.

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

205.2760, 14.6539, -33.5681

Protanopia

210.8670, 8.4466, -2.5144

Deuteranopia

212.3500, 12.6455, 4.0781



Tritanopia

205.3900, 15.0907, -33.6680

Trichromacy



Original Color

205.2760, 14.6539, -33.5681

Protanomaly

209.0720, 10.8105, -14.0951

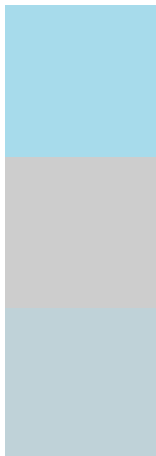
Deuteranomaly

209.7890, 13.4150, -9.4620

Tritanomaly

205.3900, 15.0907, -33.6680

Monochromacy



Original Color

205.2760, 14.6539, -33.5681

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.0030, 5.4215, -12.2806

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.2760, 14.6539, -33.5681 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(167, 219, 235)` looks like.

```
.text, #text, p{  
    color:rgb(167, 219, 235)  
}
```

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(167, 219, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 219, 235) }
```

Border

The CSS property to change the border of an element to YUV 205.2760, 14.6539, -33.5681 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(167, 219, 235) }
```


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

```
.border{ border-color:rgb(167, 219, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 219, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 219, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 219, 235);  
box-shadow:4px 4px 4px 4px rgb(167, 219,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 205.2760, 14.6539, -33.5681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 219, 235) }
```

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

```
.background{ background-color: rgb(167,  
219, 235) }
```

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