

# Converting Colors

YUV(201.6550, 16.4391,  
-46.1784)

Have a look what the booklet for  
YUV(201.6550, 16.4391, -46.1784)  
contains.

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# Color

**YUV(201.6550, 16.4391,  
-46.1784)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95DEEB
RGB	149, 222, 235
RGB Percent	58%, 87%, 92%
CMY	0.4157, 0.1294, 0.0784
CMYK	0.37, 0.06, 0.00, 0.08
HSL	189°, 68%, 75%
HSV	189°, 37%, 92%
XYZ	53.5111, 64.6303, 88.2518
YIQ	201.6550, -47.6810, -11.4330

# Conversions

## Conversions Part 2

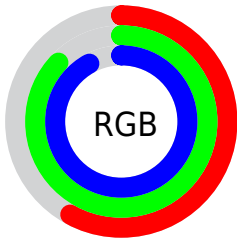
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 188, 235
Decimal	9821931
CIE <sub>Lab</sub>	84.29, -19.43, -13.56
CIE <sub>LCh</sub>	84, 23.695, 214.895
Yxy	64.6303, 0.2593, 0.3131
Android (android.graphics.Color)	4288012011 (0xFF95DEEB)
YUV	201.6550, 16.4391, -46.1784
Hunter-Lab	80.3930, -21.8746, -8.8109

# Details

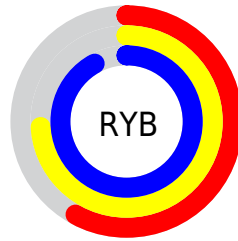
The YUV color **201.6550, 16.4391, -46.1784** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **182.3450, -16.4391, 46.1784**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3490, 7.2229, -30.1241**, and **146.5410, 16.0023, -46.0785** is the 20% darker color. If you saturate the color by 10%, you get **192.4300, 20.9870, -58.2591**, and if you desaturate by 10%, it is **210.8800, 11.8912, -34.0978**.

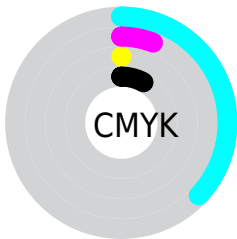
# Distribution



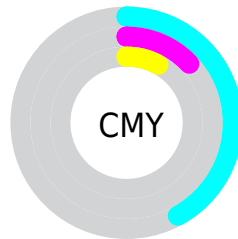
- Red (58%)
- Green (87%)
- Blue (92%)



- Red (58%)
- Yellow (74%)
- Blue (92%)



- Cyan (37%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (42%)
- Magenta (13%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 201.6550, 16.4391, -46.1784 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 201.6550, 16.4391, -46.1784 by changing the saturation by 10% instead.



■ 201.6550, 16.4391,  
-46.1784

■ 201.6550, 16.4391,  
-46.1784

255.0000, 0.0000,  
0.0000

■ 173.6550, 16.4391,  
-46.1784

■ 240.3490, 7.2229,  
-30.1241

■ 146.5410, 16.0023,  
-46.0785

■ 249.0200, 2.9481,  
-12.2955

■ 119.2420, 16.1497,  
-46.6932

■ 92.4480, 17.0341,  
-50.3819

■ 64.4580, 18.5082,  
-56.5297

■ 47.6340, 14.9704,  
-41.7750

■ 32.0980, 11.2907,

-28.1499

■ 18.4370, 7.1796,  
-16.1692

■ 1.0260, 3.9312,  
-0.8998

■ 201.6550, 16.4391,  
-46.1784

■ 201.6550, 16.4391,  
-46.1784

■ 192.4300, 20.9870,  
-58.2591

■ 210.8800, 11.8912,  
-34.0978

■ 183.4930, 25.3930,  
-71.4694

■ 219.8170, 7.4852,  
-20.8875

■ 174.2680, 29.9409,  
-83.5500

■ 229.3410, 2.7899,  
-8.1921

■ 165.3310, 34.3468,  
-96.7603

■ 237.9790, -1.4686,  
4.4034

■ 156.1060, 38.8947,  
-108.8410

■ 243.9150, -4.3951,  
9.7215

■ 147.1690, 43.3007,  
-122.0512

■ 245.6760, -5.2633,  
8.1771

■ 143.6030, 45.0587,  
-125.9398

■ 248.0240, -6.4208,  
6.1180

■ 249.7850, -7.2890,  
4.5736

■ 252.1330, -8.4466,  
2.5144

# Harmonies

## Analogous

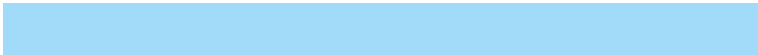
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



201.2290, 5.8031, -41.4198



201.6550, 16.4391, -46.1784



204.9040, 22.2323, -37.6268

# Triad

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



201.6550, 16.4391, -46.1784



214.5160, 7.6336, 24.9805



209.1700, -21.2828, 13.0059

# Complementary

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



201.6550, 16.4391, -46.1784



182.3450, -16.4391, 46.1784

# 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.



211.6110, -20.0212, 28.4052



201.6550, 16.4391, -46.1784



213.7210, -3.3135, 36.2017

# Square

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



201.6550, 16.4391, -46.1784



212.8000, 16.8606, 5.4374



213.0880, -13.3544, 36.7568



206.6020, -16.5658, -6.6670



# Rectangle

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



201.6550, 16.4391, -46.1784



207.5080, 22.9206, -25.0015



213.0880, -13.3544, 36.7568



209.5020, -21.4465, 18.8537

# Sweetspot

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



201.6550, 16.4391, -46.1784



244.2800, 5.2850, -15.1546



200.9640, -19.2093, -45.5724



121.1560, 3.3741, -8.9068



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

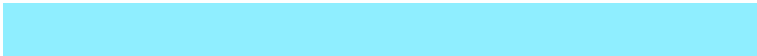


# Same Dimension

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



201.6550, 16.4391, -46.1784



211.5330, 21.4292, -60.1034



176.4140, 28.8829, -24.0421



113.1240, 1.9109, -6.2477



111.0320, 34.4942, -97.3751



32.5710, 10.5645, -28.5648



# Inverse Universe

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



183.0360, 19.2093, 45.5724



187.3180, 24.9862, 59.3571



207.5860, -28.8829, 24.0421



110.4290, 2.7465, 5.7628



71.6750, 40.5862, 95.8780

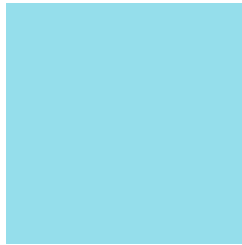


21.2760, 11.6959, 28.6989



# Previews

## White Background



This preview shows how the YUV color 201.6550, 16.4391, -46.1784 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

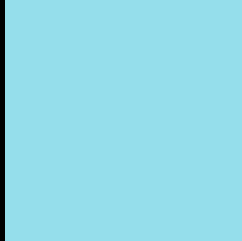
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 201.6550, 16.4391, -46.1784 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

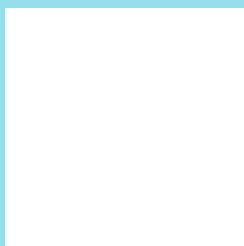
Any Text WCAG AAA ✓ Pass

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

# YUV 201.6550, 16.4391, -46.1784 Background



This preview shows how black text looks on a background with the YUV color 201.6550, 16.4391, -46.1784.



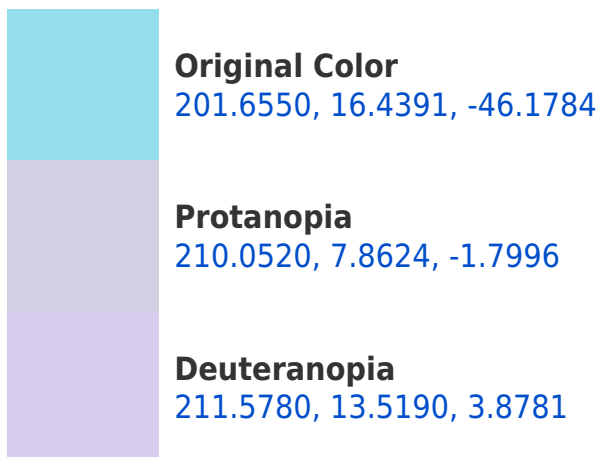
This preview shows how white text looks on a background with the YUV color 201.6550, 16.4391, -46.1784.

-46.1784.

# 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

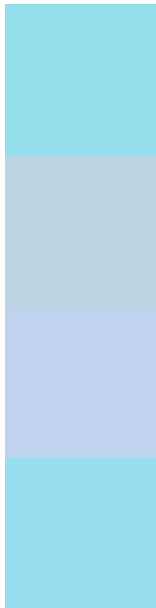




## Tritanopia

201.8230, 18.3283, -45.4488

# Trichromacy



**Original Color**

201.6550, 16.4391, -46.1784

**Protanomaly**

207.0500, 10.8214, -17.5838

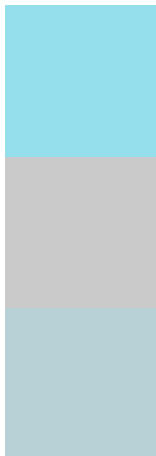
**Deuteranomaly**

208.3970, 14.5943, -14.3802

**Tritanomaly**

201.7090, 17.8915, -45.3488

# Monochromacy



**Original Color**

201.6550, 16.4391, -46.1784

**Achromatopsia**

202.0000, 0.0000, 0.0000

**Achromatomaly**

201.7960, 6.0166, -16.4841

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 201.6550, 16.4391, -46.1784 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(149, 222, 235)` looks like.

```
.text, #text, p{  
    color:rgb(149, 222, 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(149, 222, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 222, 235) }
```

## Border

The CSS property to change the border of an element to YUV 201.6550, 16.4391, -46.1784 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(149, 222, 235) }
```



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

```
.border{ border-color:rgb(149, 222, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 222, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 222, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 222, 235);  
box-shadow:4px 4px 4px 4px rgb(149, 222,  
235) }
```

# Background

The CSS property to change the background color of an element to YUV 201.6550, 16.4391, -46.1784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 222, 235) }
```

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

```
.background{ background-color: rgb(149,  
222, 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](#).

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