

# Converting Colors

YUV(200.3220, 21.5333,  
-46.7634)

Have a look what the booklet for  
YUV(200.3220, 21.5333, -46.7634)  
contains.

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# Color

**YUV(200.3220, 21.5333,  
-46.7634)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93DBF4
RGB	147, 219, 244
RGB Percent	58%, 86%, 96%
CMY	0.4235, 0.1412, 0.0431
CMYK	0.40, 0.10, 0.00, 0.04
HSL	195°, 82%, 77%
HSV	195°, 40%, 96%
XYZ	53.6933, 63.3977, 94.9950
YIQ	200.3220, -50.9370, -7.4890

# Conversions

## Conversions Part 2

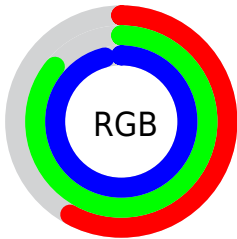
Format	Color
<a href="#">RYB</a>	<a href="#">147, 188, 244</a>
Decimal	<a href="#">9690100</a>
CIELab	<a href="#">83.65, -16.20, -19.29</a>
CIElCh	<a href="#">84, 25.194, 229.981</a>
Yxy	<a href="#">63.3977, 0.2532, 0.2989</a>
Android (android.graphics.Color)	<a href="#">4287880180 (0xFF93DBF4)</a>
YUV	<a href="#">200.3220, 21.5333, -46.7634</a>
Hunter-Lab	<a href="#">79.6227, -18.9689, -15.0009</a>

# Details

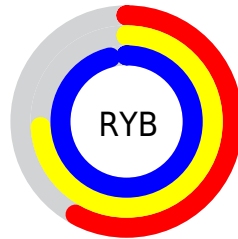
The YUV color  $200.3220, 21.5333, -46.7634$  is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be  $190.6780, -21.5333, 46.7634$ , and the grayscale version is  $200.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $239.7510, 7.5178, -31.3536$ , and  $144.9090, 21.2439, -47.2782$  is the 20% darker color. If you saturate the color by 10%, you get  $189.6240, 26.8074, -58.4292$ , and if you desaturate by 10%, it is  $211.0200, 16.2591, -35.0975$ .

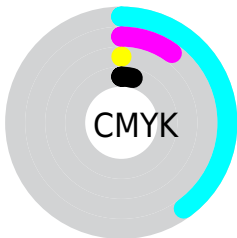
# Distribution



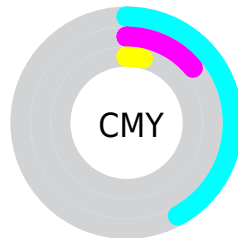
- Red (58%)
- Green (86%)
- Blue (96%)



- Red (58%)
- Yellow (74%)
- Blue (96%)



- Cyan (40%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (42%)
- Magenta (14%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 200.3220, 21.5333, -46.7634 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 200.3220, 21.5333, -46.7634 by changing the saturation by 10% instead.



■ 200.3220, 21.5333,  
-46.7634

■ 200.3220, 21.5333,  
-46.7634

255.0000, 0.0000,  
0.0000

■ 172.3220, 21.5333,  
-46.7634

■ 239.7510, 7.5178,  
-31.3536

■ 144.9090, 21.2439,  
-47.2782

■ 248.7210, 3.0955,  
-12.9103

■ 117.8980, 21.2493,  
-49.0225

■ 89.3920, 21.9917,  
-53.8408

■ 64.0820, 22.1446,  
-56.1999

■ 47.2580, 18.6068,  
-41.4453

■ 31.6080, 14.4903,

-27.7202

■ 18.0610, 10.8159,  
-15.8395

■ 2.6390, 7.5730,  
-2.3144

■ 200.3220, 21.5333,  
-46.7634

■ 200.3220, 21.5333,  
-46.7634

■ 189.6240, 26.8074,  
-58.4292

■ 211.0200, 16.2591,  
-35.0975

■ 178.0400, 32.5183,  
-70.1951

■ 222.6040, 10.5482,  
-23.3317

■ 167.3420, 37.7924,  
-81.8609

■ 233.3020, 5.2741,  
-11.6659

■ 156.3450, 43.2139,  
-94.1416

■ 244.2990, -0.1474,  
0.6148

■ 145.6470, 48.4880,  
-105.8074

■ 250.8110, -3.3578,  
3.6738

■ 134.3620, 54.0515,  
-116.9585

■ 253.7460, -4.8048,  
1.0998

■ 134.0630, 54.1989,  
-117.5733

# Harmonies

## Analogous

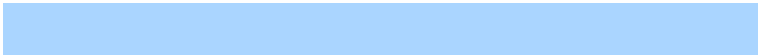
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



198.6070, 12.5187, -48.7673



200.3220, 21.5333, -46.7634



204.9310, 24.6840, -30.6345

# Triad

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



200.3220, 21.5333, -46.7634



212.4910, 2.2229, 33.7724



205.9300, -20.6715, 3.5694

# Complementary

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



200.3220, 21.5333, -46.7634



190.6780, -21.5333, 46.7634

# 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.



208.1820, -22.7677, 22.6424



200.3220, 21.5333, -46.7634



210.9510, -8.8498, 38.6310

# Square

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



200.3220, 21.5333, -46.7634



211.9540, 13.3337, 16.7033



210.4100, -18.4431, 35.5974



202.8610, -12.7495, -17.4181



# Rectangle

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



200.3220, 21.5333, -46.7634



208.2750, 23.0354, -15.1502



210.4100, -18.4431, 35.5974



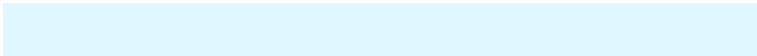
206.3330, -21.8562, 10.2320

# Sweetspot

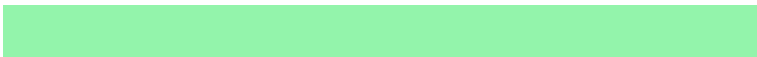
The Sweet Spot groups the original color and five complimentary colors.



200.3220, 21.5333, -46.7634



241.0350, 6.8847, -14.9397



206.6750, -17.5878, -52.3350



119.6830, 4.1003, -8.4920



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

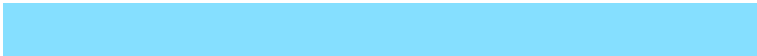


# Same Dimension

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



200.3220, 21.5333, -46.7634



199.7380, 27.2442, -58.5292



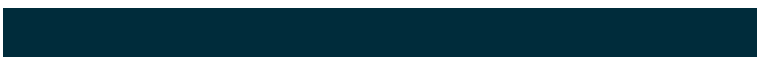
172.1460, 35.4240, -22.0530



116.6510, 2.6371, -5.8329



102.2100, 41.3085, -89.6382



32.5540, 13.0379, -28.5499



# Inverse Universe

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



184.2110, 17.1510, 52.4350



179.7380, 21.3282, 66.0048



218.8540, -35.4240, 22.0530



114.6140, 2.1623, 6.4775



71.3460, 32.8604, 100.5516

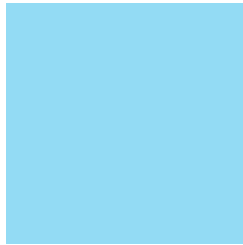


22.6570, 10.5221, 31.8728



# Previews

## White Background



This preview shows how the YUV color 200.3220, 21.5333, -46.7634 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

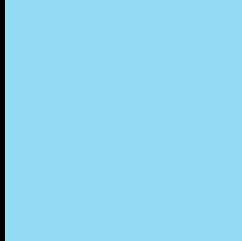
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 200.3220, 21.5333, -46.7634 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

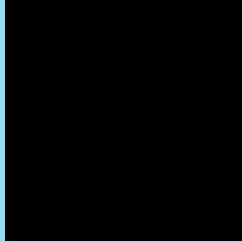
Any Text WCAG AA ✓ Pass

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 200.3220, 21.5333, -46.7634 Background



This preview shows how black text looks on a background with the YUV color 200.3220, 21.5333, -46.7634.



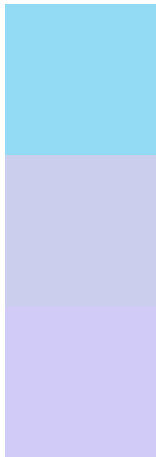
This preview shows how white text looks on a background with the YUV color 200.3220, 21.5333, -46.7634.

-46.7634.

# 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

200.3220, 21.5333, -46.7634

### Protanopia

208.5230, 13.5462, -4.8437

### Deuteranopia

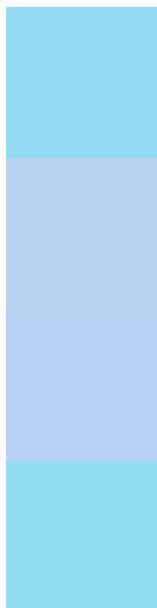
209.5110, 18.4821, -1.3251



## Tritanopia

199.6270, 18.9179, -47.9079

# Trichromacy



## Original Color

200.3220, 21.5333, -46.7634

## Protanomaly

205.8200, 16.3577, -20.0131

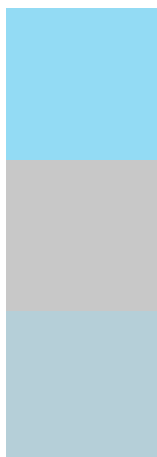
## Deuteranomaly

206.3410, 19.5519, -17.8391

## Tritanomaly

200.1540, 19.6441, -47.4931

# Monochromacy



## Original Color

200.3220, 21.5333, -46.7634

## Achromatopsia

200.0000, 0.0000, 0.0000

## Achromatomaly

200.2520, 7.7638, -16.8840

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 200.3220, 21.5333, -46.7634 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(147, 219, 244)` looks like.

```
.text, #text, p{  
    color:rgb(147, 219, 244)  
}
```

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(147, 219, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 219, 244) }
```

## Border

The CSS property to change the border of an element to YUV 200.3220, 21.5333, -46.7634 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(147, 219, 244) }
```



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

```
.border{ border-color:rgb(147, 219, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 219, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 219, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 219, 244);  
box-shadow:4px 4px 4px 4px rgb(147, 219,  
244) }
```

# Background

The CSS property to change the background color of an element to YUV 200.3220, 21.5333, -46.7634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 219, 244) }
```

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

```
.background{ background-color: rgb(147,  
219, 244) }
```

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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