

# Converting Colors

YUV(181.7620, 10.9633,  
-16.4543)

Have a look what the booklet for  
YUV(181.7620, 10.9633, -16.4543)  
contains.

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# Color

**YUV(181.7620, 10.9633,  
-16.4543)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A3BBCC
RGB	163, 187, 204
RGB Percent	64%, 73%, 80%
CMY	0.3608, 0.2667, 0.2000
CMYK	0.20, 0.08, 0.00, 0.20
HSL	205°, 29%, 72%
HSV	205°, 20%, 80%
XYZ	43.7737, 47.6868, 64.0241
YIQ	181.7620, -19.7610, 0.1990

# Conversions

## Conversions Part 2

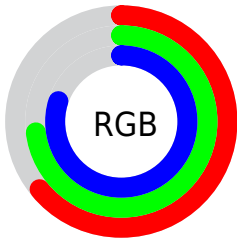
Format	Color
R <sub>YB</sub>	163, 178, 204
Decimal	10730444
CIE Lab	74.63, -4.51, -11.30
CIE LCh	75, 12.168, 248.253
Yxy	47.6868, 0.2815, 0.3067
Android (android.graphics.Color)	4288920524 (0xFFFA3BBCC)
YUV	181.7620, 10.9633, -16.4543
Hunter-Lab	69.0556, -7.6980, -6.6311

# Details

The YUV color  $181.7620, 10.9633, -16.4543$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $185.2380, -10.9633, 16.4543$ , and the grayscale version is  $182.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $236.8930, 8.9268, -16.5692$ , and  $128.9470, 10.3791, -15.7395$  is the 20% darker color. If you saturate the color by 10%, you get  $171.0860, 16.2266, -24.6314$ , and if you desaturate by 10%, it is  $192.4380, 5.7001, -8.2771$ .

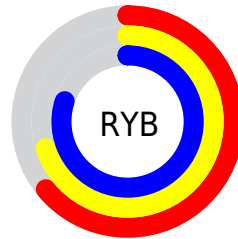
# Distribution



Red (64%)

Green (73%)

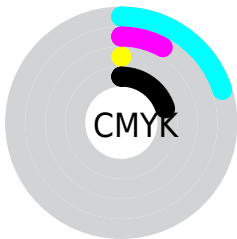
Blue (80%)



Red (64%)

Yellow (70%)

Blue (80%)

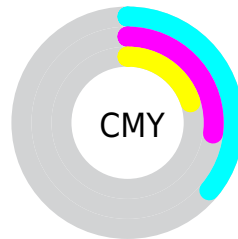


Cyan (20%)

Magenta (8%)

Yellow (0%)

Black (20%)



Cyan (36%)

Magenta (27%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 181.7620, 10.9633, -16.4543 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 181.7620, 10.9633, -16.4543 by changing the saturation by 10% instead.



■ 181.7620, 10.9633,  
-16.4543

■ 181.7620, 10.9633,  
-16.4543

255.0000, 0.0000,  
0.0000

■ 154.7620, 10.9633,  
-16.4543

■ 236.8930, 8.9268,  
-16.5692

■ 128.9470, 10.3791,  
-15.7395

■ 252.6080, 1.1793,  
-4.9182

■ 103.8330, 9.9423,  
-15.6395

■ 79.1320, 9.7949,  
-15.0248

■ 55.7190, 9.5055,  
-15.5396

■ 33.4200, 9.6529,  
-16.1543

■ 14.6870, 8.0423,

-12.8805

■ 0.5700, 2.1840,  
-0.4999

■ 0.0000, 0.0000,  
0.0000

■ 181.7620, 10.9633,  
-16.4543

■ 181.7620, 10.9633,  
-16.4543

■ 171.0860, 16.2266,  
-24.6314

■ 192.4380, 5.7001,  
-8.2771

■ 159.5240, 21.9267,  
-32.9085

■ 204.0000, 0.0000,  
0.0000

■ 148.8480, 27.1899,  
-41.0857

■ 214.6760, -5.2633,  
8.1771

■ 137.2860, 32.8900,  
-49.3628

■ 226.2380,  
-10.9633, 16.4543

■ 126.6100, 38.1533,  
-57.5400

■ 233.9240,  
-14.7525, 18.4837

■ 115.3470, 43.7059,  
-65.2023

■ 239.2070,  
-17.3571, 13.8505

■ 104.3720, 49.1166,  
-73.9942

■ 243.9030,  
-19.6722, 9.7321

■ 93.1090, 54.6693,  
-81.6566

■ 249.1860,  
-22.2767, 5.0989

# Harmonies

## Analogous

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



180.0450, 8.3588, -21.0875



181.7620, 10.9633, -16.4543



183.5290, 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.



181.7620, 10.9633, -16.4543



185.8390, -2.3856, 18.5582



181.6160, -7.6987, -4.0482

# Complementary

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



181.7620, 10.9633, -16.4543



185.2380, -10.9633, 16.4543

# 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.



183.2860, -10.4940, 5.8882



181.7620, 10.9633, -16.4543



185.1720, -7.4798, 19.1432

# Square

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



181.7620, 10.9633, -16.4543



185.8860, 3.0142, 13.2550



184.0420, -10.3737, 13.9952



180.8150, -2.8668, -13.8698



# Rectangle

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



181.7620, 10.9633, -16.4543



184.7040, 9.0199, 0.2596



184.0420, -10.3737, 13.9952



181.9970, -8.8725, -0.8744

# Sweetspot

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



181.7620, 10.9633, -16.4543



246.9930, 3.9475, -6.1329



188.8910, -4.8763, -22.7064



122.9610, 2.4842, -3.4738



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

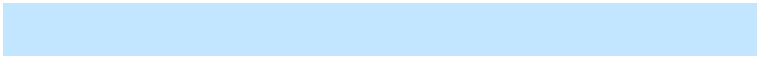


# Same Dimension

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



181.7620, 10.9633, -16.4543



222.0860, 16.2266, -24.6314



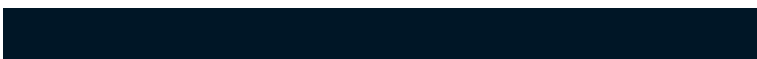
170.0220, 16.7512, -6.1583



96.6620, 2.6316, -4.0886



75.8630, 44.4375, -66.5319



17.2460, 10.2317, -15.1247



# Inverse Universe

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



177.9950, 4.4395, 22.8064



216.3430, 6.7329, 33.9022



196.9780, -16.7512, 6.1583



95.6740, 1.1467, 5.5479



60.6920, 17.8998, 92.3551

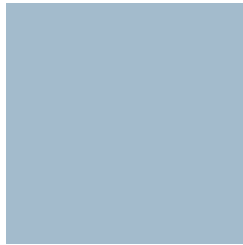


13.8700, 4.0081, 21.1620



# Previews

## White Background



This preview shows how the YUV color 181.7620, 10.9633, -16.4543 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

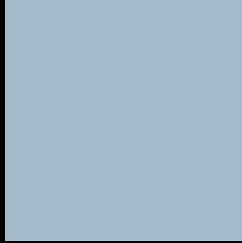
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 181.7620, 10.9633, -16.4543 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

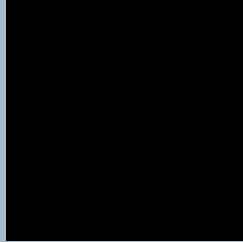
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

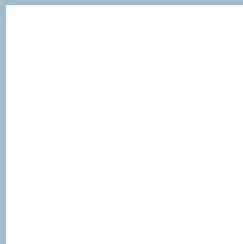
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 181.7620, 10.9633, -16.4543

## Background



This preview shows how black text looks on a background with the YUV color 181.7620, 10.9633, -16.4543.



This preview shows how white text looks on a background with the YUV color 181.7620, 10.9633, -16.4543.

-16.4543.

# 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

181.7620, 10.9633, -16.4543

### Protanopia

183.8670, 8.4466, -2.5144

### Deuteranopia

185.0790, 10.3141, 5.1927



## Tritanopia

181.5340, 10.0897, -16.2543

# Trichromacy



## Original Color

181.7620, 10.9633, -16.4543

## Protanomaly

183.0620, 9.3364, -7.9474

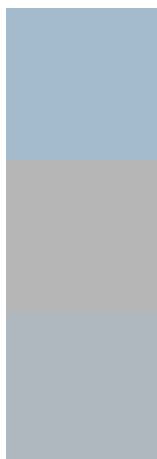
## Deuteranomaly

183.7360, 10.4832, -2.3995

## Tritanomaly

181.6480, 10.5265, -16.3543

# Monochromacy



## Original Color

181.7620, 10.9633, -16.4543

## Achromatopsia

182.0000, 0.0000, 0.0000

## Achromatomaly

181.9930, 3.9475, -6.1329

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 181.7620, 10.9633, -16.4543 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(163, 187, 204)` looks like.

```
.text, #text, p{  
    color:rgb(163, 187, 204)  
}
```

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(163, 187, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 187, 204) }
```

## Border

The CSS property to change the border of an element to YUV 181.7620, 10.9633, -16.4543 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(163, 187, 204) }
```



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

```
.border{ border-color:rgb(163, 187, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 187, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 187, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 187, 204); box-shadow:4px 4px 4px 4px rgb(163, 187, 204) }
```

# Background

The CSS property to change the background color of an element to YUV 181.7620, 10.9633, -16.4543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 187, 204) }
```

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

```
.background{ background-color: rgb(163,  
187, 204) }
```

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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