

Converting Colors

YUV(179.9650, 19.7373,
-30.6643)

Have a look what the booklet for
YUV(179.9650, 19.7373, -30.6643)
contains.

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Color

**YUV(179.9650, 19.7373,
-30.6643)**

Conversions

Conversions Part 1

Format	Color
Hex	91BEDC
RGB	145, 190, 220
RGB Percent	57%, 75%, 86%
CMY	0.4314, 0.2549, 0.1373
CMYK	0.34, 0.14, 0.00, 0.14
HSL	204°, 52%, 72%
HSV	204°, 34%, 86%
XYZ	43.0088, 48.0140, 74.7110
YIQ	179.9650, -36.4500, -0.2100

Conversions

Conversions Part 2

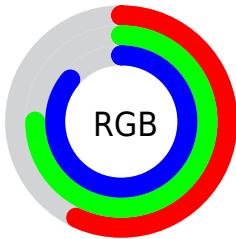
Format	Color
R _{YB}	145, 173, 220
Decimal	9551580
CIE Lab	74.83, -7.66, -19.79
CIE LCh	75, 21.224, 248.839
Yxy	48.0140, 0.2595, 0.2897
Android (android.graphics.Color)	4287741660 (0xFF91BEDC)
YUV	179.9650, 19.7373, -30.6643
Hunter-Lab	69.2921, -10.4684, -15.4222

Details

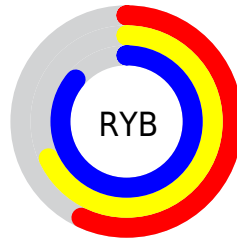
The YUV color $179.9650, 19.7373, -30.6643$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $185.0350, -19.7373, 30.6643$, and the grayscale version is $180.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.5710, 10.5645, -28.5648$, and $126.7370, 18.8637, -30.4643$ is the 20% darker color. If you saturate the color by 10%, you get $168.1040, 25.5847, -39.5562$, and if you desaturate by 10%, it is $191.8260, 13.8898, -21.7724$.

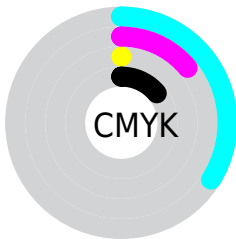
Distribution



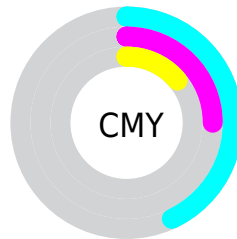
- Red (57%)
- Green (75%)
- Blue (86%)



- Red (57%)
- Yellow (68%)
- Blue (86%)



- Cyan (34%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (43%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.9650, 19.7373, -30.6643 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 179.9650, 19.7373, -30.6643 by changing the saturation by 10% instead.

■ 179.9650, 19.7373,
-30.6643

■ 179.9650, 19.7373,
-30.6643

■ 255.0000, 0.0000,
0.0000

■ 152.8510, 19.3005,
-30.5643

■ 233.5710, 10.5645,
-28.5648

■ 126.7370, 18.8637,
-30.4643

■ 247.2260, 3.8326,
-15.9842

■ 100.4380, 19.0111,
-31.0791

■ 75.3130, 18.5797,
-32.7235

■ 48.1980, 19.6224,
-40.5156

■ 32.0640, 16.2374,
-28.1201

■ 17.8160, 12.4157,

-15.6246

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 179.9650, 19.7373,
-30.6643

■ 179.9650, 19.7373,
-30.6643

■ 168.1040, 25.5847,
-39.5562

■ 191.8260, 13.8898,
-21.7724

■ 156.2430, 31.4322,
-48.4481

■ 203.6870, 8.0423,
-12.8805

■ 144.9690, 36.9903,
-57.8548

■ 214.9610, 2.4842,
-3.4738

■ 133.1080, 42.8378,
-66.7467

■ 226.8220, -3.3632,
5.4181

■ 121.2470, 48.6852,
-75.6386

■ 238.6830, -9.2107,
14.3100

■ 109.3860, 54.5327,
-84.5305

■ 243.9660,
-11.8152, 9.6768

■ 102.5640, 57.8959,
-89.9486

■ 249.2490,
-14.4198, 5.0436

■ 251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



176.7590, 15.4018, -40.1306



179.9650, 19.7373, -30.6643



183.8470, 18.8094, -13.0208

Triad

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



179.9650, 19.7373, -30.6643



187.1720, -4.0288, 32.2982



180.1010, -13.3608, -7.9816

Complementary

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



179.9650, 19.7373, -30.6643



185.0350, -19.7373, 30.6643

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.



182.9460, -18.2144, 8.8174



179.9650, 19.7373, -30.6643



186.5820, -12.6119, 31.9386

Square

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



179.9650, 19.7373, -30.6643



187.6360, 5.6025, 23.1212



184.7460, -18.1158, 23.9018



177.9940, -4.4340, -24.5507

Rectangle

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



179.9650, 19.7373, -30.6643



185.8380, 15.8559, 1.0191



184.7460, -18.1158, 23.9018



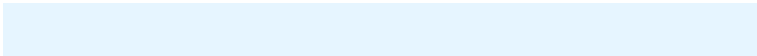
181.5640, -15.5611, -2.2486

Sweetspot

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



179.9650, 19.7373, -30.6643



241.6550, 6.5791, -10.2214



192.4450, -8.6004, -41.6093



119.1070, 4.3842, -6.2328



0.0000, 0.0000, 0.0000



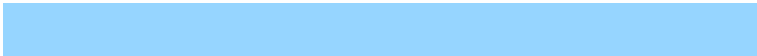
128.0000, 0.0000, 0.0000

Same Dimension

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



179.9650, 19.7373, -30.6643



198.9510, 27.6322, -42.9300



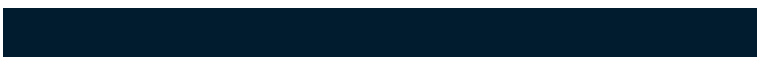
157.6590, 30.7341, -11.1019



103.7760, 3.0684, -4.1886



80.7700, 45.4694, -70.8353



21.6800, 11.9898, -19.0134

Inverse Universe

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



172.5550, 8.6004, 41.6093



188.5770, 12.0405, 58.2530



206.7540, -30.4447, 11.6167



102.9730, 0.9993, 6.1627



63.5830, 19.9256, 95.9587



16.9460, 5.4496, 25.4804

Previews

White Background



This preview shows how the YUV color 179.9650, 19.7373, -30.6643 looks on a white background.

Color Contrast Check

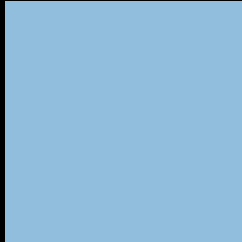
Large Text (above 18pt) WCAG AA × Fail

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 179.9650, 19.7373, -30.6643 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

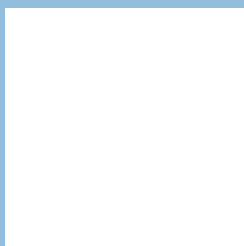
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 179.9650, 19.7373, -30.6643

Background



This preview shows how black text looks on a background with the YUV color 179.9650, 19.7373, -30.6643.



This preview shows how white text looks on a background with the YUV color 179.9650, 19.7373, -30.6643.

-30.6643.

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

179.9650, 19.7373, -30.6643

Protanopia

184.2670, 15.1514, -6.3732

Deuteranopia

185.3860, 18.0507, -2.9695



Tritanopia

178.8740, 14.3591, -32.3385

Trichromacy



Original Color

179.9650, 19.7373, -30.6643

Protanomaly

182.6680, 16.9257, -15.4948

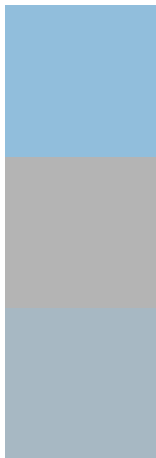
Deuteranomaly

183.7330, 18.3726, -12.9208

Tritanomaly

179.0420, 16.2483, -31.6088

Monochromacy



Original Color

179.9650, 19.7373, -30.6643

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.1710, 7.3107, -11.5510

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.9650, 19.7373, -30.6643 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(145, 190, 220)` looks like.

```
.text, #text, p{  
    color:rgb(145, 190, 220)  
}
```

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(145, 190, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 190, 220) }
```

Border

The CSS property to change the border of an element to YUV 179.9650, 19.7373, -30.6643 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(145, 190, 220) }
```


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

```
.border{ border-color:rgb(145, 190, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 190, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 190, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 190, 220);  
box-shadow:4px 4px 4px 4px rgb(145, 190,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 179.9650, 19.7373, -30.6643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 190, 220) }
```

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

```
.background{ background-color: rgb(145,  
190, 220) }
```

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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