

Converting Colors

YUV(173.9550, 28.1232,
-60.4735)

Have a look what the booklet for
YUV(173.9550, 28.1232, -60.4735)
contains.

YUV(173.9550, 28.1232, -60.4735)	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(173.9550, 28.1232,
-60.4735)**

Conversions

Conversions Part 1

Format	Color
Hex	69C6E7
RGB	105, 198, 231
RGB Percent	41%, 78%, 91%
CMY	0.5882, 0.2235, 0.0941
CMYK	0.55, 0.14, 0.00, 0.09
HSL	196°, 72%, 66%
HSV	196°, 55%, 91%
XYZ	40.4436, 49.1609, 82.9587
YIQ	173.9550, -66.0210, -9.4530

Conversions

Conversions Part 2

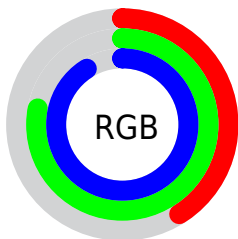
Format	Color
RYB	105, 159, 231
Decimal	6932199
CIELab	75.55, -18.54, -24.82
CIElCh	76, 30.983, 233.238
Yxy	49.1609, 0.2344, 0.2849
Android (android.graphics.Color)	4285122279 (0xFF69C6E7)
YUV	173.9550, 28.1232, -60.4735
Hunter-Lab	70.1149, -19.7388, -21.0705

Details

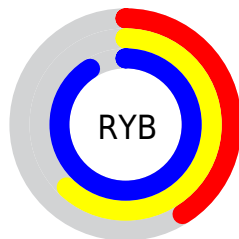
The YUV color **173.9550, 28.1232, -60.4735** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **162.0450, -28.1232, 60.4735**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7910, 13.4140, -55.9447**, and **115.5410, 29.3133, -68.8805** is the 20% darker color. If you saturate the color by 10%, you get **163.5560, 33.2499, -71.5246**, and if you desaturate by 10%, it is **184.3540, 22.9965, -49.4225**.

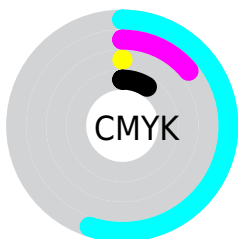
Distribution



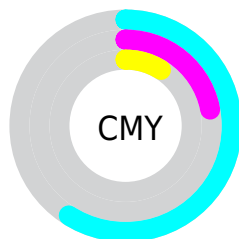
- Red (41%)
- Green (78%)
- Blue (91%)



- Red (41%)
- Yellow (62%)
- Blue (91%)



- Cyan (55%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (59%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.9550, 28.1232, -60.4735 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 173.9550, 28.1232, -60.4735 by changing the saturation by 10% instead.

173.9550, 28.1232,
-60.4735

173.9550, 28.1232,
-60.4735

255.0000, 0.0000,
0.0000

145.6450, 28.2760,
-62.8327

227.7910, 13.4140,
-55.9447

115.5410, 29.3133,
-68.8805

236.7610, 8.9918,
-37.5014

86.2520, 30.9348,
-75.6430

245.7310, 4.5696,
-19.0581

69.2000, 26.5234,
-60.6884

254.7010, 0.1474,
-0.6148

52.2620, 22.5488,
-45.8338

36.0250, 18.7217,
-31.5939

22.2500, 14.1738,

-19.5132

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 173.9550, 28.1232,
-60.4735

■ 173.9550, 28.1232,
-60.4735

■ 163.5560, 33.2499,
-71.5246

■ 184.3540, 22.9965,
-49.4225

■ 153.1570, 38.3766,
-82.5757

■ 194.7530, 17.8698,
-38.3714

■ 142.7580, 43.5033,
-93.6268

■ 205.1520, 12.7431,
-27.3203

■ 132.3590, 48.6300,
-104.6778

■ 215.5510, 7.6164,
-16.2692

■ 126.1240, 51.7039,
-110.6107

■ 225.9500, 2.4897,
-5.2181

■ 236.6480, -2.7845,
6.4477

■ 243.4590, -6.1423,
10.1215

■ 246.9810, -7.8786,
7.0327

■ 250.5030, -9.6150,
3.9439

Harmonies

Analogous

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



171.2890, 18.0985, -65.1515



173.9550, 28.1232, -60.4735



181.5650, 29.7945, -36.4525

Triad

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



173.9550, 28.1232, -60.4735



190.7200, 1.6170, 41.4646



181.9960, -24.1550, 0.8805

Complementary

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



173.9550, 28.1232, -60.4735



162.0450, -28.1232, 60.4735

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.



185.0420, -27.1357, 23.6422



173.9550, 28.1232, -60.4735



189.2080, -11.9345, 48.0526

Square

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



173.9550, 28.1232, -60.4735



190.1550, 15.2066, 22.6661



187.5910, -22.9694, 40.7007



178.2900, -13.4540, -24.8103

Rectangle

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



173.9550, 28.1232, -60.4735



185.7140, 27.2560, -15.5352



187.5910, -22.9694, 40.7007



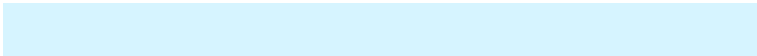
183.1820, -26.2187, 9.4874

Sweetspot

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



173.9550, 28.1232, -60.4735



236.2840, 9.2270, -19.5431



182.4960, -22.9225, -67.9640



116.4160, 5.7109, -11.7658



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.



173.9550, 28.1232, -60.4735



180.1250, 36.9134, -79.9166



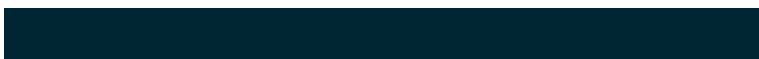
137.5610, 46.0654, -28.5560



109.6510, 2.6371, -5.8329



97.8900, 39.9872, -85.8495



28.1200, 11.2798, -24.6612

Inverse Universe

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



153.2760, 22.0489, 68.1639



152.6560, 29.2566, 89.7557



198.4390, -46.0654, 28.5560



107.6140, 2.1623, 6.4775



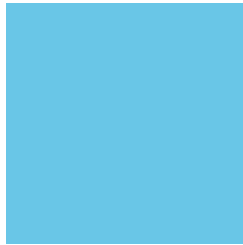
68.5690, 31.2715, 96.8480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 173.9550, 28.1232, -60.4735 looks on a white background.

Color Contrast Check

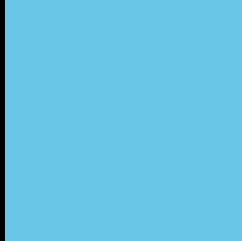
Large Text (above 18pt) WCAG AA × Fail

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 173.9550, 28.1232, -60.4735 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 173.9550, 28.1232, -60.4735

Background



This preview shows how black text looks on a background with the YUV color 173.9550, 28.1232, -60.4735.

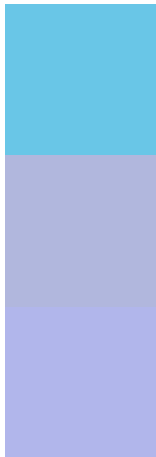


This preview shows how white text looks on a background with the YUV color 173.9550, 28.1232, -60.4735.

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

173.9550, 28.1232, -60.4735

Protanopia

185.5380, 17.4828, -7.4878

Deuteranopia

186.5470, 23.8873, -8.3727



Tritanopia

172.0380, 22.1663, -63.1773

Trichromacy



Original Color

173.9550, 28.1232, -60.4735

Protanomaly

181.1550, 21.6156, -26.4459

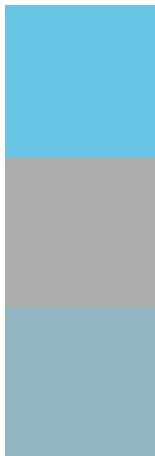
Deuteranomaly

182.1810, 25.5468, -27.3457

Tritanomaly

172.6190, 24.3448, -61.9329

Monochromacy



Original Color

173.9550, 28.1232, -60.4735

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.2020, 10.2534, -22.1022

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.9550, 28.1232, -60.4735 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(105, 198, 231)` looks like.

```
.text, #text, p{  
    color:rgb(105, 198, 231)  
}
```

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(105, 198, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 198, 231) }
```

Border

The CSS property to change the border of an element to YUV 173.9550, 28.1232, -60.4735 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(105, 198, 231) }
```


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

```
.border{ border-color:rgb(105, 198, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 198, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 198, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 198, 231);  
box-shadow:4px 4px 4px 4px rgb(105, 198,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 173.9550, 28.1232, -60.4735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 198, 231) }
```

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

```
.background{ background-color: rgb(105,  
198, 231) }
```

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