

Converting Colors

YUV(159.5820, 27.3211,
-36.4674)

Have a look what the booklet for
YUV(159.5820, 27.3211, -36.4674)
contains.

YUV(159.5820, 27.3211, -36.4674)	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(159.5820, 27.3211,
-36.4674)**

Conversions

Conversions Part 1

Format	Color
Hex	76AAD7
RGB	118, 170, 215
RGB Percent	46%, 67%, 84%
CMY	0.5373, 0.3333, 0.1569
CMYK	0.45, 0.21, 0.00, 0.16
HSL	208°, 55%, 65%
HSV	208°, 45%, 84%
XYZ	34.1117, 37.5073, 69.7317
YIQ	159.5820, -45.4370, 2.9710

Conversions

Conversions Part 2

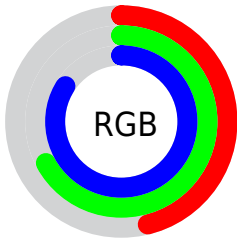
Format	Color
RYB	118, 152, 215
Decimal	7776983
CIELab	67.66, -5.26, -28.16
CIELCh	68, 28.646, 259.416
Yxy	37.5073, 0.2413, 0.2653
Android (android.graphics.Color)	4285967063 (0xFF76AAD7)
YUV	159.5820, 27.3211, -36.4674
Hunter-Lab	61.2432, -7.7534, -24.6376

Details

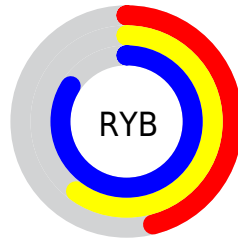
The YUV color **159.5820, 27.3211, -36.4674** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **173.4180, -27.3211, 36.4674**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1710, 20.6217, -34.3530**, and **106.0440, 26.6003, -38.6266** is the 20% darker color. If you saturate the color by 10%, you get **147.4330, 33.3105, -44.2297**, and if you desaturate by 10%, it is **172.0300, 21.1842, -28.0903**.

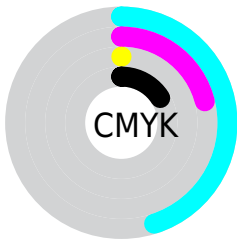
Distribution



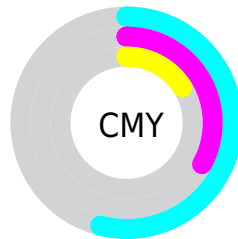
- Red (46%)
- Green (67%)
- Blue (84%)



- Red (46%)
- Yellow (60%)
- Blue (84%)



- Cyan (45%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)



- Cyan (54%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.5820, 27.3211, -36.4674 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 159.5820, 27.3211, -36.4674 by changing the saturation by 10% instead.

■ 159.5820, 27.3211,
-36.4674

■ 159.5820, 27.3211,
-36.4674

255.0000, 0.0000,
0.0000

■ 132.7560, 26.7423,
-37.4970

■ 213.1710, 20.6217,
-34.3530

■ 106.0440, 26.6003,
-38.6266

■ 238.8650, 7.9546,
-31.4536

■ 78.8370, 27.1954,
-42.8300

■ 248.1230, 3.3904,
-14.1399

■ 53.4020, 26.9168,
-46.8336

■ 37.7520, 22.8003,
-33.1085

■ 22.6890, 18.3943,
-19.8983

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 159.5820, 27.3211,
-36.4674

■ 159.5820, 27.3211,
-36.4674

■ 147.4330, 33.3105,
-44.2297

■ 172.0300, 21.1842,
-28.0903

■ 134.9850, 39.4474,
-52.6068

■ 184.1790, 15.1948,
-20.3280

■ 122.5370, 45.5843,
-60.9839

■ 196.6270, 9.0579,
-11.9509

■ 110.3880, 51.5737,
-68.7463

■ 208.7760, 3.0684,
-4.1886

■ 98.2390, 57.5632,
-76.5086

■ 221.2240, -3.0684,
4.1886

■ 92.0150, 60.6316,
-80.6972

■ 233.3730, -9.0579,
11.9509

■ 241.6350,
-13.1311, 11.7211

■ 247.5050,
-16.0250, 6.5731

■ 250.4400,
-17.4719, 3.9991

Harmonies

Analogous

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



152.7660, 24.7654, -56.7998



159.5820, 27.3211, -36.4674



165.4330, 23.4505, -8.2727

Triad

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



159.5820, 27.3211, -36.4674



167.5710, -9.1555, 43.3492



158.2090, -13.9070, -19.4773

Complementary

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



159.5820, 27.3211, -36.4674



173.4180, -27.3211, 36.4674

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.



161.4740, -22.4187, 3.9693



159.5820, 27.3211, -36.4674



166.4920, -19.4696, 38.1565

Square

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



159.5820, 27.3211, -36.4674



169.0290, 2.9437, 35.9316



164.0250, -24.6623, 23.6571



154.6220, -0.3066, -41.7645

Rectangle

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



159.5820, 27.3211, -36.4674



167.8760, 18.3021, 9.7557



164.0250, -24.6623, 23.6571



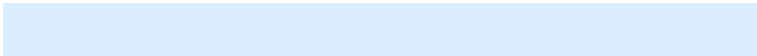
159.3410, -17.4231, -11.7001

Sweetspot

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



159.5820, 27.3211, -36.4674



234.2570, 10.2263, -13.3804



179.9550, -8.8518, -54.3345



114.9650, 6.4263, -7.8623



0.0000, 0.0000, 0.0000



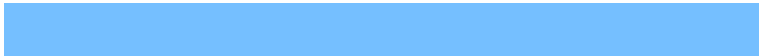
128.0000, 0.0000, 0.0000

Same Dimension

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



159.5820, 27.3211, -36.4674



176.1700, 38.8632, -51.8921



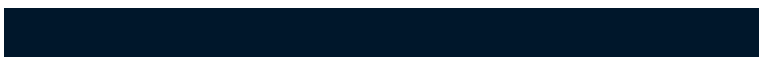
131.9930, 40.9225, -12.2719



100.7760, 3.0684, -4.1886



73.4980, 48.0685, -64.4577



18.4030, 12.1263, -16.1394

Inverse Universe

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



152.9310, 8.4150, 54.4345



166.6980, 11.9809, 77.4409



201.0070, -40.9225, 12.2719



99.9730, 0.9993, 6.1627



61.6170, 14.9788, 95.9289



15.4790, 3.7079, 24.1359

Previews

White Background



This preview shows how the YUV color 159.5820, 27.3211, -36.4674 looks on a white background.

Color Contrast Check

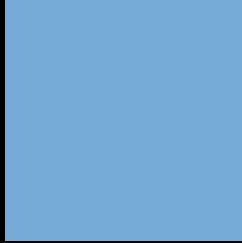
Large Text (above 18pt) WCAG AA × Fail

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 159.5820, 27.3211, -36.4674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

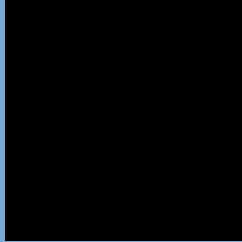
Any Text WCAG AA ✓ Pass

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 159.5820, 27.3211, -36.4674 Background



This preview shows how black text looks on a background with the YUV color 159.5820, 27.3211, -36.4674.

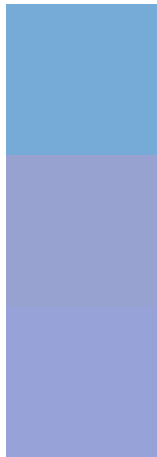


This preview shows how white text looks on a background with the YUV color 159.5820, 27.3211, -36.4674.

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

159.5820, 27.3211, -36.4674

Protanopia

164.3680, 22.0036, -10.8467

Deuteranopia

164.9810, 25.6454, -12.2613



Tritanopia

157.1610, 15.6966, -41.3602

Trichromacy



Original Color

159.5820, 27.3211, -36.4674

Protanomaly

162.7690, 23.7779, -19.9684

Deuteranomaly

163.0400, 26.1093, -21.0831

Tritanomaly

157.9100, 19.7644, -39.3861

Monochromacy



Original Color

159.5820, 27.3211, -36.4674

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.1430, 9.7895, -13.2804

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.5820, 27.3211, -36.4674 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(118, 170, 215)` looks like.

```
.text, #text, p{  
    color:rgb(118, 170, 215)  
}
```

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(118, 170, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 170, 215) }
```

Border

The CSS property to change the border of an element to YUV 159.5820, 27.3211, -36.4674 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(118, 170, 215) }
```


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

```
.border{ border-color:rgb(118, 170, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 170, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 170, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 170, 215);  
box-shadow:4px 4px 4px 4px rgb(118, 170,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 159.5820, 27.3211, -36.4674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 170, 215) }
```

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

```
.background{ background-color: rgb(118,  
170, 215) }
```

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