

Converting Colors

YUV(149.8410, 27.6864,
-60.3736)

Have a look what the booklet for
YUV(149.8410, 27.6864, -60.3736)
contains.

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Color

**YUV(149.8410, 27.6864,
-60.3736)**

Conversions

Conversions Part 1

Format	Color
Hex	51AECE
RGB	81, 174, 206
RGB Percent	32%, 68%, 81%
CMY	0.6824, 0.3176, 0.1922
CMYK	0.61, 0.16, 0.00, 0.19
HSL	195°, 56%, 56%
HSV	195°, 61%, 81%
XYZ	29.6700, 36.4777, 63.8696
YIQ	149.8410, -65.7000, -9.7640

Conversions

Conversions Part 2

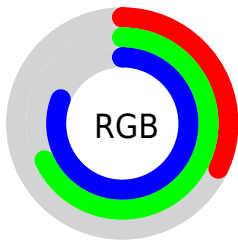
Format	Color
R _Y B	81, 134, 206
Decimal	5353166
CIE Lab	66.88, -18.08, -24.52
CIE LCh	67, 30.461, 233.600
Yxy	36.4777, 0.2282, 0.2806
Android (android.graphics.Color)	4283543246 (0xFF51AECE)
YUV	149.8410, 27.6864, -60.3736
Hunter-Lab	60.3967, -18.0060, -20.4215

Details

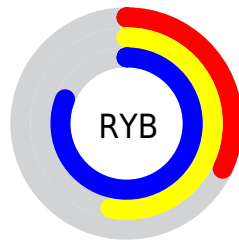
The YUV color **149.8410, 27.6864, -60.3736** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **137.1590, -27.6864, 60.3736**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2390, 24.0392, -57.2146**, and **88.3550, 31.3770, -77.4873** is the 20% darker color. If you saturate the color by 10%, you get **140.6270, 32.2289, -70.7099**, and if you desaturate by 10%, it is **159.0550, 23.1439, -50.0372**.

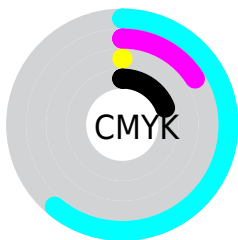
Distribution



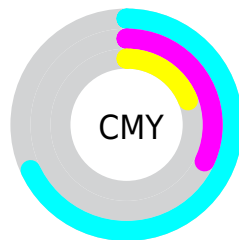
- Red (32%)
- Green (68%)
- Blue (81%)



- Red (32%)
- Yellow (53%)
- Blue (81%)



- Cyan (61%)
- Magenta (16%)
- Yellow (0%)
- Black (19%)



- Cyan (68%)
- Magenta (32%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.8410, 27.6864, -60.3736 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 149.8410, 27.6864, -60.3736 by changing the saturation by 10% instead.

■ 149.8410, 27.6864,
-60.3736

■ 149.8410, 27.6864,
-60.3736

■ 255.0000, 0.0000,
0.0000

■ 120.6340, 28.2814,
-64.5770

■ 206.2390, 24.0392,
-57.2146

■ 88.3550, 31.3770,
-77.4873

■ 229.5850, 12.5296,
-52.2560

■ 71.3030, 26.9656,
-62.5327

■ 238.5550, 8.1074,
-33.8127

■ 54.3650, 22.9911,
-47.6781

■ 247.5250, 3.6852,
-15.3694

■ 38.0140, 18.7271,
-33.3383

■ 23.7660, 14.9054,
-20.8428

■ 4.8220, 13.3988,

-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 149.8410, 27.6864,
-60.3736

■ 149.8410, 27.6864,
-60.3736

■ 140.6270, 32.2289,
-70.7099

■ 159.0550, 23.1439,
-50.0372

■ 131.1250, 36.9134,
-79.9166

■ 168.5570, 18.4594,
-40.8305

■ 121.9110, 41.4559,
-90.2529

■ 177.7710, 13.9169,
-30.4942

■ 113.2950, 45.7036,
-99.3597

■ 186.6860, 9.5218,
-20.7726

■ 195.9000, 4.9793,
-10.4363

■ 205.7010, 0.1474,
-0.6148

■ 214.6160, -4.2477,
9.1068

■ 223.8300, -8.7902,
19.4431

■ 229.4560,
-11.5638, 22.4021

Harmonies

Analogous

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



146.7020, 18.3879, -64.6367



149.8410, 27.6864, -60.3736



157.7500, 29.2102, -35.7377

Triad

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



149.8410, 27.6864, -60.3736



166.7090, 1.6225, 39.7202



158.9250, -23.1340, 0.0658

Complementary

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



149.8410, 27.6864, -60.3736



137.1590, -27.6864, 60.3736

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.



161.5580, -26.4041, 22.3126



149.8410, 27.6864, -60.3736



165.0120, -11.3449, 45.5935

Square

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



149.8410, 27.6864, -60.3736



166.6280, 14.4804, 22.2512



163.9220, -21.6535, 38.6564



155.1160, -12.8752, -23.7807

Rectangle

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



149.8410, 27.6864, -60.3736



162.4860, 26.3824, -15.3352



163.9220, -21.6535, 38.6564



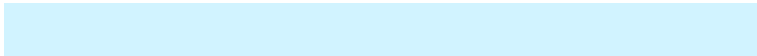
159.8120, -25.0503, 8.0579

Sweetspot

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



149.8410, 27.6864, -60.3736



234.2020, 10.2534, -22.1022



157.9090, -22.6331, -67.4492



114.6330, 6.5899, -13.7101



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.



149.8410, 27.6864, -60.3736



171.2100, 41.3085, -89.6382



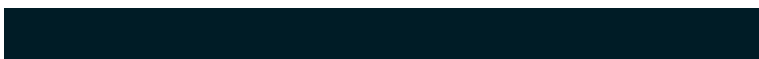
113.4470, 45.6286, -28.4560



97.2490, 2.3422, -4.6034



91.1250, 36.9134, -79.9166



20.7680, 8.4954, -18.2135

Inverse Universe

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



128.9770, 22.1963, 67.5492



140.3460, 32.8604, 100.5516



173.5530, -45.6286, 28.4560



95.7880, 1.5835, 5.4479



63.6560, 29.2566, 89.7557



14.5540, 6.6289, 20.5621

Previews

White Background



This preview shows how the YUV color 149.8410, 27.6864, -60.3736 looks on a white background.

Color Contrast Check

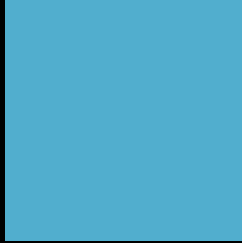
Large Text (above 18pt) WCAG AA × Fail

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 149.8410, 27.6864, -60.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

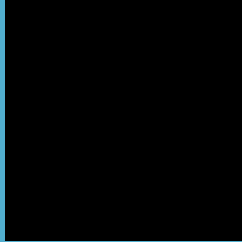
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.8410, 27.6864, -60.3736

Background



This preview shows how black text looks on a background with the YUV color 149.8410, 27.6864, -60.3736.

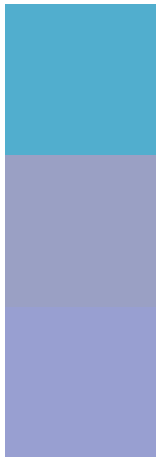


This preview shows how white text looks on a background with the YUV color 149.8410, 27.6864, -60.3736.

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

149.8410, 27.6864, -60.3736

Protanopia

162.3100, 16.6092, -7.2879

Deuteranopia

162.6070, 22.8717, -9.3023



Tritanopia

147.7990, 21.2981, -64.7217

Trichromacy



Original Color

149.8410, 27.6864, -60.3736

Protanomaly

157.6280, 20.8894, -26.8608

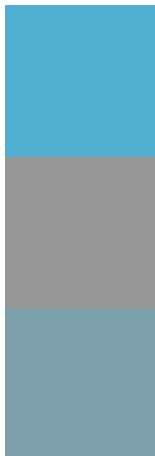
Deuteranomaly

157.6540, 24.8206, -27.7606

Tritanomaly

148.6790, 23.3293, -62.8625

Monochromacy



Original Color

149.8410, 27.6864, -60.3736

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0880, 9.8166, -22.0022

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.8410, 27.6864, -60.3736 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(81, 174, 206)` looks like.

```
.text, #text, p{  
    color:rgb(81, 174, 206)  
}
```

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(81, 174, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 174, 206) }
```

Border

The CSS property to change the border of an element to YUV 149.8410, 27.6864, -60.3736 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(81, 174, 206) }
```


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

```
.border{ border-color:rgb(81, 174, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 174, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 174, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 174, 206);  
box-shadow:4px 4px 4px 4px rgb(81, 174,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 149.8410, 27.6864, -60.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 174, 206) }
```

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

```
.background{ background-color: rgb(81, 174,  
206) }
```

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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