

Converting Colors

YUV(173.8310, 22.7613,
-67.3808)

Have a look what the booklet for
YUV(173.8310, 22.7613, -67.3808)
contains.

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Color

**YUV(173.8310, 22.7613,
-67.3808)**

Conversions

Conversions Part 1

Format	Color
Hex	61CCDC
RGB	97, 204, 220
RGB Percent	38%, 80%, 86%
CMY	0.6196, 0.2000, 0.1373
CMYK	0.56, 0.07, 0.00, 0.14
HSL	188°, 64%, 62%
HSV	188°, 56%, 86%
XYZ	39.4409, 50.8944, 75.4550
YIQ	173.8310, -68.9080, -17.7080

Conversions

Conversions Part 2

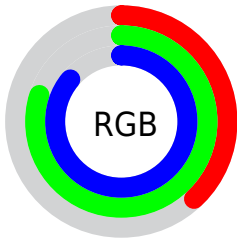
Format	Color
R_{YB}	97, 154, 220
Decimal	6409436
CIE _{Lab}	76.62, -26.26, -17.31
CIE _{LCh}	77, 31.451, 213.382
Yxy	50.8944, 0.2379, 0.3070
Android (android.graphics.Color)	4284599516 (0xFF61CCDC)
YUV	173.8310, 22.7613, -67.3808
Hunter-Lab	71.3403, -26.1609, -12.7714

Details

The YUV color **173.8310, 22.7613, -67.3808** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **143.1690, -22.7613, 67.3808**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6980, 14.4459, -60.2481**, and **113.1390, 25.5675, -80.8059** is the 20% darker color. If you saturate the color by 10%, you get **165.4920, 26.8724, -79.3615**, and if you desaturate by 10%, it is **182.1700, 18.6502, -55.4001**.

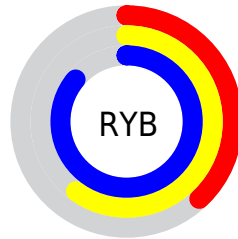
Distribution



Red (38%)

Green (80%)

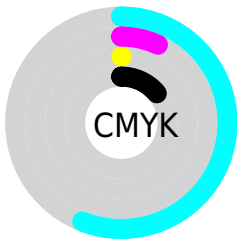
Blue (86%)



Red (38%)

Yellow (60%)

Blue (86%)

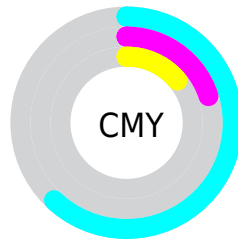


Cyan (56%)

Magenta (7%)

Yellow (0%)

Black (14%)



Cyan (62%)

Magenta (20%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.8310, 22.7613, -67.3808 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 173.8310, 22.7613, -67.3808 by changing the saturation by 10% instead.

■ 173.8310, 22.7613,
-67.3808

■ 173.8310, 22.7613,
-67.3808

255.0000, 0.0000,
0.0000

■ 144.6350, 23.3509,
-69.8399

■ 225.6980, 14.4459,
-60.2481

■ 113.1390, 25.5675,
-80.8059

■ 234.6680, 10.0237,
-41.8048

■ 88.0470, 25.1198,
-77.2172

■ 243.3390, 5.7489,
-23.9763

■ 70.4080, 20.9979,
-61.7478

■ 252.6080, 1.1793,
-4.9182

■ 53.5840, 17.4601,
-46.9932

■ 37.3470, 13.6329,
-32.7533

■ 23.6860, 9.5218,

-20.7726

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 173.8310, 22.7613,
-67.3808

■ 173.8310, 22.7613,
-67.3808

■ 165.4920, 26.8724,
-79.3615

■ 182.1700, 18.6502,
-55.4001

■ 157.1530, 30.9836,
-91.3422

■ 190.5090, 14.5391,
-43.4194

■ 148.8140, 35.0947,
-103.3229

■ 198.8480, 10.4279,
-31.4387

■ 141.0620, 38.9164,
-115.8184

■ 206.6000, 6.6062,
-18.9432

■ 137.1970, 40.8219,
-120.3218

■ 214.9390, 2.4951,
-6.9625

■ 223.2780, -1.6161,
5.0182

■ 231.6170, -5.7272,
16.9989

■ 234.5740, -7.1850,
17.9136

■ 236.3350, -8.0532,
16.3692

Harmonies

Analogous

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



175.2980, 7.7411, -56.3893



173.8310, 22.7613, -67.3808



178.8570, 30.1435, -55.1256

Triad

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



173.8310, 22.7613, -67.3808



193.4720, 11.1063, 31.1581



186.8840, -27.5508, 16.7647

Complementary

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



173.8310, 22.7613, -67.3808



143.1690, -22.7613, 67.3808

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.



189.2870, -25.2845, 36.5823



173.8310, 22.7613, -67.3808



192.9010, -2.9092, 46.5678

Square

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



173.8310, 22.7613, -67.3808



191.9940, 22.6810, 5.2673



191.3560, -16.4445, 47.9228



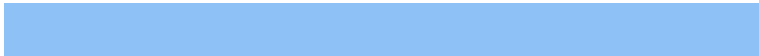
183.9240, -21.6545, -7.8263

Rectangle

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



173.8310, 22.7613, -67.3808



184.3800, 30.3787, -37.1673



191.3560, -16.4445, 47.9228



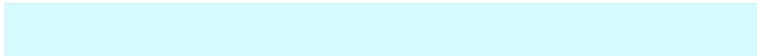
188.1130, -28.1567, 24.4569

Sweetspot

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



173.8310, 22.7613, -67.3808



238.6210, 8.0748, -23.3466



170.7970, -29.4799, -64.7200



117.8780, 4.9901, -13.9250



0.0000, 0.0000, 0.0000



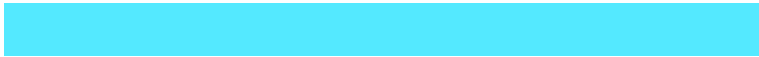
128.0000, 0.0000, 0.0000

Same Dimension

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



173.8310, 22.7613, -67.3808



190.9570, 31.5732, -93.8013



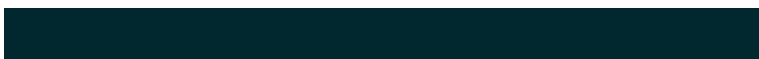
138.6110, 40.1248, -36.4928



105.5370, 2.2003, -5.7329



108.3590, 31.8680, -95.0308



28.7240, 8.5171, -25.1909

Inverse Universe

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



145.9750, 28.6063, 64.9199



152.1150, 39.8763, 90.2301



178.3890, -40.1248, 36.4928



103.3150, 2.3097, 5.8627



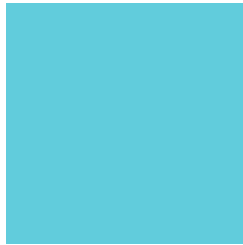
68.9410, 40.4551, 91.2597



18.3140, 10.6912, 24.2806

Previews

White Background



This preview shows how the YUV color 173.8310, 22.7613, -67.3808 looks on a white background.

Color Contrast Check

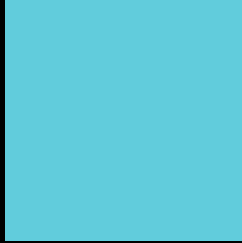
Large Text (above 18pt) WCAG AA × Fail

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 173.8310, 22.7613, -67.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

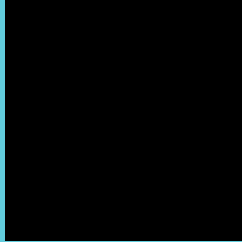
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.8310, 22.7613, -67.3808

Background



This preview shows how black text looks on a background with the YUV color 173.8310, 22.7613, -67.3808.



This preview shows how white text looks on a background with the YUV color 173.8310, 22.7613, -67.3808.

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

173.8310, 22.7613, -67.3808

Protanopia

188.3230, 10.1938, -2.9143

Deuteranopia

189.7560, 16.8823, -1.5400



Tritanopia

173.8310, 22.7613, -67.3808

Trichromacy



Original Color

173.8310, 22.7613, -67.3808

Protanomaly

183.3200, 14.6322, -26.5906

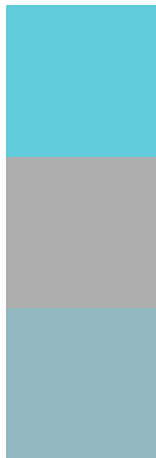
Deuteranomaly

183.8840, 19.2842, -25.3313

Tritanomaly

173.8310, 22.7613, -67.3808

Monochromacy



Original Color

173.8310, 22.7613, -67.3808

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.0230, 8.3697, -24.5762

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.8310, 22.7613, -67.3808 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(97, 204, 220)` looks like.

```
.text, #text, p{  
    color:rgb(97, 204, 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(97, 204, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 204, 220) }
```

Border

The CSS property to change the border of an element to YUV 173.8310, 22.7613, -67.3808 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(97, 204, 220) }
```


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

```
.border{ border-color:rgb(97, 204, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 204, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 204, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 204, 220);  
box-shadow:4px 4px 4px 4px rgb(97, 204,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 173.8310, 22.7613, -67.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 204, 220) }
```

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

```
.background{ background-color: rgb(97, 204,  
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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