

Converting Colors

YUV(173.2390, 3.8262,
-60.7226)

Have a look what the booklet for
YUV(173.2390, 3.8262, -60.7226)
contains.

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Color

**YUV(173.2390, 3.8262,
-60.7226)**

Conversions

Conversions Part 1

Format	Color
Hex	68CFB5
RGB	104, 207, 181
RGB Percent	41%, 81%, 71%
CMY	0.5922, 0.1882, 0.2902
CMYK	0.50, 0.00, 0.13, 0.19
HSL	165°, 52%, 61%
HSV	165°, 50%, 81%
XYZ	36.3622, 50.9049, 51.6252
YIQ	173.2390, -53.0420, -29.9220

Conversions

Conversions Part 2

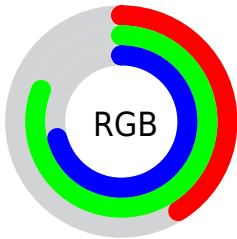
Format	Color
RYB	104, 163, 207
Decimal	6868917
CIELab	76.62, -36.26, 3.74
CIELCh	77, 36.449, 174.114
Yxy	50.9049, 0.2618, 0.3665
Android (android.graphics.Color)	4285058997 (0xFF68CFB5)
YUV	173.2390, 3.8262, -60.7226
Hunter-Lab	71.3477, -33.8862, 7.0428

Details

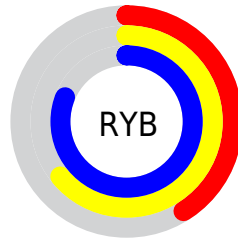
The YUV color **173.2390, 3.8262, -60.7226** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **137.7610, -3.8262, 60.7226**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.8420, 5.9939, -55.9894**, and **116.3740, 5.7316, -65.2260** is the 20% darker color. If you saturate the color by 10%, you get **166.3900, 4.7377, -73.1330**, and if you desaturate by 10%, it is **180.0880, 2.9146, -48.3122**.

Distribution



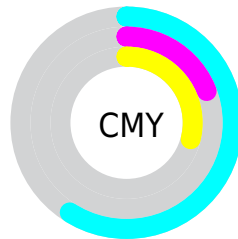
- Red (41%)
- Green (81%)
- Blue (71%)



- Red (41%)
- Yellow (64%)
- Blue (81%)



- Cyan (50%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)



- Cyan (59%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.2390, 3.8262, -60.7226 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 173.2390, 3.8262, -60.7226 by changing the saturation by 10% instead.

 173.2390, 3.8262,
-60.7226

 173.2390, 3.8262,
-60.7226

255.0000, 0.0000,
0.0000


 145.0540, 4.4104,
-61.4374


 224.8420, 5.9939,
-55.9894


 116.3740, 5.7316,
-65.2260


 235.5650, 9.5815,
-39.9605

 85.7040, 8.5269,
-75.1624

 244.5350, 5.1592,
-21.5172

 67.7060, 5.5679,
-59.3782

 253.2060, 0.8844,
-3.6887

 50.9960, 2.4670,
-44.7235

 34.5140, 0.2396,
-30.2688

 19.6790, -3.2927,

-17.2585

■ 0.0000, 0.0000,
0.0000

■ 173.2390, 3.8262,
-60.7226

■ 173.2390, 3.8262,
-60.7226

■ 166.3900, 4.7377,
-73.1330

■ 180.0880, 2.9146,
-48.3122

■ 159.8400, 5.5019,
-84.9287

■ 186.6380, 2.1505,
-36.5165

■ 152.8770, 5.9766,
-97.2391

■ 193.6010, 1.6757,
-24.2061

■ 146.0280, 6.8882,
-109.6496

■ 200.4500, 0.7642,
-11.7956

■ 139.4780, 7.6523,
-121.4452

■ 207.2990, -0.1474,
0.6148

■ 139.1790, 7.7998,
-122.0600

■ 213.8490, -0.9116,
12.4104

■ 220.8120, -1.3863,
24.7209

■ 223.1760, -0.0868,
27.9096

■ 223.7460, 2.0972,
27.4098

Harmonies

Analogous

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



179.3880, -15.4743, -30.1583



173.2390, 3.8262, -60.7226



167.5470, 23.3943, -83.7947

Triad

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



173.2390, 3.8262, -60.7226



190.9370, 29.1181, -6.0837



190.0110, -26.6274, 47.3484

Complementary

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



173.2390, 3.8262, -60.7226



137.7610, -3.8262, 60.7226

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.



191.6820, -14.1402, 55.5299



173.2390, 3.8262, -60.7226



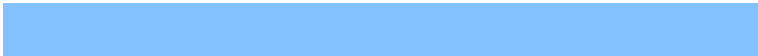
194.0570, 17.2269, 28.0140

Square

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



173.2390, 3.8262, -60.7226



182.4160, 35.7839, -44.2148



193.4760, 1.7373, 49.5715



187.6850, -32.3827, 26.5863

Rectangle

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



173.2390, 3.8262, -60.7226



168.9520, 32.5617, -84.1499



193.4760, 1.7373, 49.5715



190.6570, -23.0019, 51.1668

Sweetspot

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



173.2390, 3.8262, -60.7226



242.4980, 1.2335, -22.3617



172.5340, -33.7873, -36.4253



120.4390, 0.7696, -13.5400



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.



173.2390, 3.8262, -60.7226



204.8070, 5.5181, -90.1617



162.1150, 22.1283, -50.9669



101.3690, 0.3111, -6.4626



112.9800, 6.4189, -99.0835



27.6010, 1.6757, -24.2061

Inverse Universe

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



137.7610, -3.8262, 60.7226



152.1930, -5.5181, 90.1617



148.8850, -22.1283, 50.9669



97.6310, -0.3111, 6.4626



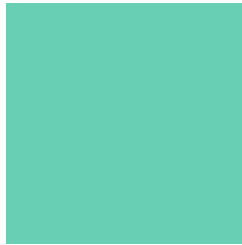
55.0200, -6.4189, 99.0835



13.3990, -1.6757, 24.2061

Previews

White Background



This preview shows how the YUV color 173.2390, 3.8262, -60.7226 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 173.2390, 3.8262, -60.7226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

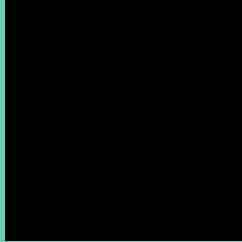
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.2390, 3.8262, -60.7226

Background



This preview shows how black text looks on a background with the YUV color 173.2390, 3.8262, -60.7226.



This preview shows how white text looks on a background with the YUV color 173.2390, 3.8262, -60.7226.

-60.7226.

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

173.2390, 3.8262, -60.7226

Protanopia

187.4540, -8.6048, 6.6178

Deuteranopia

189.6320, -1.7906, 14.3547



Tritanopia

177.8110, 19.8132, -55.0852

Trichromacy



Original Color

173.2390, 3.8262, -60.7226



Protanomaly

182.1520, -4.0189, -17.6733



Deuteranomaly

183.6240, 0.1854, -12.8252



Tritanomaly

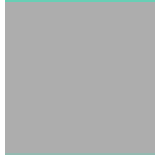
176.3070, 14.1456, -57.2742

Monochromacy



Original Color

173.2390, 3.8262, -60.7226



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.9110, 1.5229, -21.8469

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.2390, 3.8262, -60.7226 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(104, 207, 181)` looks like.

```
.text, #text, p{  
    color:rgb(104, 207, 181)  
}
```

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(104, 207, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 207, 181) }
```

Border

The CSS property to change the border of an element to YUV 173.2390, 3.8262, -60.7226 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(104, 207, 181) }
```


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

```
.border{ border-color:rgb(104, 207, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 207, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 207, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 207, 181); box-shadow:4px 4px 4px 4px rgb(104, 207, 181) }
```

Background

The CSS property to change the background color of an element to YUV 173.2390, 3.8262, -60.7226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 207, 181) }
```

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

```
.background{ background-color: rgb(104,  
207, 181) }
```

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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