

Converting Colors

YUV(174.2310, 12.7041,
-61.5926)

Have a look what the booklet for
YUV(174.2310, 12.7041, -61.5926)
contains.

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Color

**YUV(174.2310, 12.7041,
-61.5926)**

Conversions

Conversions Part 1

Format	Color
Hex	68CDC8
RGB	104, 205, 200
RGB Percent	41%, 80%, 78%
CMY	0.5922, 0.1961, 0.2157
CMYK	0.49, 0.00, 0.02, 0.20
HSL	177°, 50%, 61%
HSV	177°, 49%, 80%
XYZ	37.9656, 50.7758, 62.4433
YIQ	174.2310, -58.5910, -22.9670

Conversions

Conversions Part 2

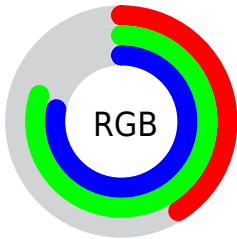
Format	Color
RYB	104, 156, 205
Decimal	6868424
CIELab	76.54, -30.66, -6.61
CIElCh	77, 31.365, 192.162
Yxy	50.7758, 0.2511, 0.3359
Android (android.graphics.Color)	4285058504 (0xFF68CDC8)
YUV	174.2310, 12.7041, -61.5926
Hunter-Lab	71.2572, -29.5959, -2.0764

Details

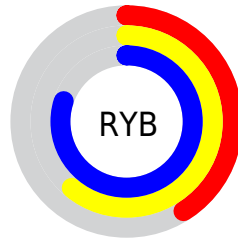
The YUV color **174.2310, 12.7041, -61.5926** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **134.7690, -12.7041, 61.5926**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.1930, 13.7089, -57.1743**, and **116.9530, 14.3202, -66.6108** is the 20% darker color. If you saturate the color by 10%, you get **167.8380, 15.3629, -74.4029**, and if you desaturate by 10%, it is **180.3250, 10.1928, -49.3970**.

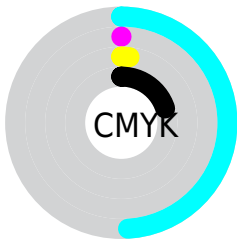
Distribution



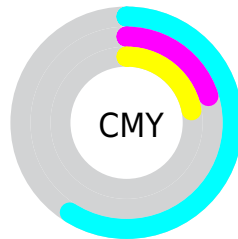
- Red (41%)
- Green (80%)
- Blue (78%)



- Red (41%)
- Yellow (61%)
- Blue (80%)



- Cyan (49%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (59%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.2310, 12.7041, -61.5926 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 174.2310, 12.7041, -61.5926 by changing the saturation by 10% instead.

■ 174.2310, 12.7041,
-61.5926

■ 174.2310, 12.7041,
-61.5926

255.0000, 0.0000,
0.0000

■ 145.7470, 13.4357,
-62.9221

■ 227.1930, 13.7089,
-57.1743

■ 116.9530, 14.3202,
-66.6108

■ 235.8640, 9.4340,
-39.3457

■ 86.4680, 16.5313,
-75.8324

■ 244.5350, 5.1592,
-21.5172

■ 69.0570, 13.2829,
-60.5630

■ 253.5050, 0.7370,
-3.0739

■ 51.6460, 10.0345,
-45.2935

■ 35.6370, 7.0810,
-31.2536

■ 22.0900, 3.4066,

-19.3729

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 174.2310, 12.7041,
-61.5926

■ 174.2310, 12.7041,
-61.5926

■ 167.8380, 15.3629,
-74.4029

■ 180.3250, 10.1928,
-49.3970

■ 161.7440, 17.8742,
-86.5985

■ 186.7180, 7.5340,
-36.5867

■ 155.3510, 20.5330,
-99.4088

■ 193.1110, 4.8753,
-23.7763

■ 149.2570, 23.0443,
-111.6044

■ 199.2050, 2.3639,
-11.5808

■ 142.8640, 25.7030,
-124.4147

■ 205.5980, -0.2948,
1.2296

■ 142.5650, 25.8505,
-125.0295

■ 211.6920, -2.8062,
13.4251

■ 218.0850, -5.4649,
26.2355

■ 220.2920, -6.0600,
30.4389

■ 220.4060, -5.6232,
30.3389

Harmonies

Analogous

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



178.5960, -4.2378, -40.8647



174.2310, 12.7041, -61.5926



174.6400, 25.8135, -66.3363

Triad

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



174.2310, 12.7041, -61.5926



192.5390, 19.4543, 13.5593



188.7980, -27.0154, 31.7492

Complementary

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



174.2310, 12.7041, -61.5926



134.7690, -12.7041, 61.5926

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.



190.8350, -19.6387, 45.7487



174.2310, 12.7041, -61.5926



193.0660, 6.8695, 36.7761

Square

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



174.2310, 12.7041, -61.5926



188.8170, 27.6982, -17.3795



192.1740, -6.9878, 48.0824



186.3670, -26.8029, 10.2021

Rectangle

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



174.2310, 12.7041, -61.5926



178.4440, 29.8541, -55.6404



192.1740, -6.9878, 48.0824



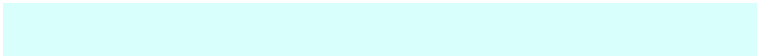
189.5860, -25.4319, 37.1971

Sweetspot

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



174.2310, 12.7041, -61.5926



243.4100, 4.7279, -23.1616



164.7820, -29.9655, -48.9208



120.8950, 2.5168, -13.9399



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.



174.2310, 12.7041, -61.5926



209.3520, 19.0535, -91.5167



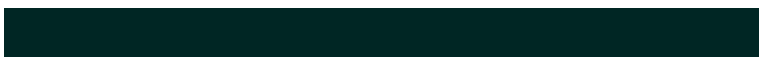
148.3860, 27.9107, -38.9265



98.8960, 1.0373, -6.0478



115.4540, 20.9752, -101.2532



26.4100, 4.7279, -23.1616

Inverse Universe

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



134.7690, -12.7041, 61.5926



150.6480, -19.0535, 91.5167



160.6140, -27.9107, 38.9265



94.9900, -1.4741, 6.1478



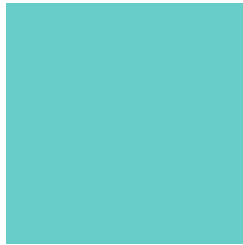
50.5460, -20.9752, 101.2532



11.5900, -4.7279, 23.1616

Previews

White Background



This preview shows how the YUV color 174.2310, 12.7041, -61.5926 looks on a white background.

Color Contrast Check

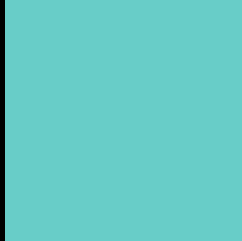
Large Text (above 18pt) WCAG AA × Fail

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 174.2310, 12.7041, -61.5926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

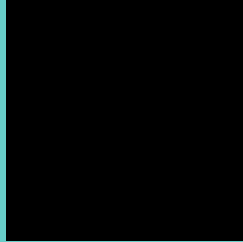
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

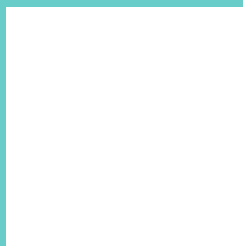
Any Text WCAG AAA ✓ Pass

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

YUV 174.2310, 12.7041, -61.5926 Background



This preview shows how black text looks on a background with the YUV color 174.2310, 12.7041, -61.5926.



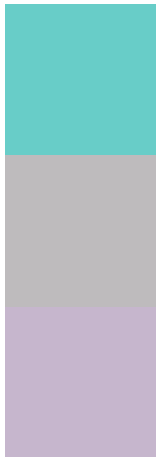
This preview shows how white text looks on a background with the YUV color 174.2310, 12.7041, -61.5926.

-61.5926.

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

174.2310, 12.7041, -61.5926

Protanopia

188.1250, 0.4314, 1.6444

Deuteranopia

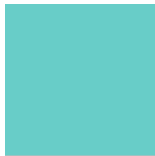
189.4060, 7.6878, 7.5369



Tritanopia

176.4300, 20.9870, -58.2591

Trichromacy



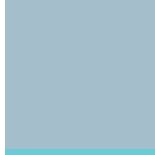
Original Color

174.2310, 12.7041, -61.5926



Protanomaly

183.4210, 4.7224, -21.4172



Deuteranomaly

183.7080, 9.5110, -17.2839



Tritanomaly

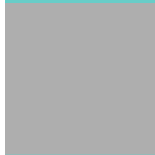
175.6210, 17.9348, -59.3036

Monochromacy



Original Color

174.2310, 12.7041, -61.5926



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.0080, 4.4331, -21.9320

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.2310, 12.7041, -61.5926 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, 205, 200)` looks like.

```
.text, #text, p{  
    color:rgb(104, 205, 200)  
}
```

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, 205, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 205, 200) }
```

Border

The CSS property to change the border of an element to YUV 174.2310, 12.7041, -61.5926 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, 205, 200) }
```


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

```
.border{ border-color:rgb(104, 205, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 205, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 205, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 205, 200); box-shadow:4px 4px 4px 4px rgb(104, 205, 200) }
```

Background

The CSS property to change the background color of an element to YUV 174.2310, 12.7041, -61.5926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 205, 200) }
```

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

```
.background{ background-color: rgb(104,  
205, 200) }
```

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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