

Converting Colors

YUV(175.8490, 15.3574,
-72.6586)

Have a look what the booklet for
YUV(175.8490, 15.3574, -72.6586)
contains.

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Color

**YUV(175.8490, 15.3574,
-72.6586)**

Conversions

Conversions Part 1

Format	Color
Hex	5DD4CF
RGB	93, 212, 207
RGB Percent	36%, 83%, 81%
CMY	0.6353, 0.1686, 0.1882
CMYK	0.56, 0.00, 0.02, 0.17
HSL	177°, 58%, 60%
HSV	177°, 56%, 83%
XYZ	39.3202, 53.9191, 67.3665
YIQ	175.8490, -69.3190, -26.7830

Conversions

Conversions Part 2

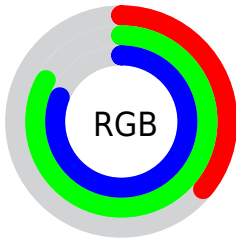
Format	Color
R _Y B	93, 154, 212
Decimal	6149327
CIE Lab	78.41, -34.40, -7.64
CIE LCh	78, 35.237, 192.519
Yxy	53.9191, 0.2448, 0.3357
Android (android.graphics.Color)	4284339407 (0xFF5DD4CF)
YUV	175.8490, 15.3574, -72.6586
Hunter-Lab	73.4296, -32.9185, -2.9937

Details

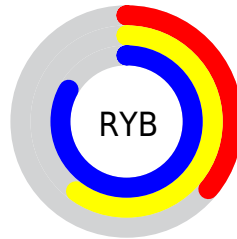
The YUV color **175.8490, 15.3574, -72.6586** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **129.1510, -15.3574, 72.6586**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.5020, 15.0355, -62.7073**, and **111.9930, 20.2165, -91.2019** is the 20% darker color. If you saturate the color by 10%, you get **169.4560, 18.0162, -85.4689**, and if you desaturate by 10%, it is **182.2420, 12.6987, -59.8482**.

Distribution



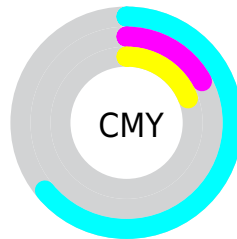
- Red (36%)
- Green (83%)
- Blue (81%)



- Red (36%)
- Yellow (60%)
- Blue (83%)



- Cyan (56%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (64%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.8490, 15.3574, -72.6586 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 175.8490, 15.3574, -72.6586 by changing the saturation by 10% instead.

■ 175.8490, 15.3574,
-72.6586

■ 175.8490, 15.3574,
-72.6586

255.0000, 0.0000,
0.0000

■ 146.4680, 16.5313,
-75.8324

■ 224.5020, 15.0355,
-62.7073

■ 111.9930, 20.2165,
-91.2019

■ 233.4720, 10.6133,
-44.2639

■ 90.7880, 17.8525,
-79.6211

■ 242.4420, 6.1911,
-25.8206

■ 73.2630, 14.1673,
-64.2517

■ 251.4120, 1.7689,
-7.3773

■ 55.8520, 10.9190,
-48.9822

■ 39.1420, 7.8180,
-34.3275

■ 25.0080, 4.4331,

-21.9320

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 175.8490, 15.3574,
-72.6586

■ 175.8490, 15.3574,
-72.6586

■ 169.4560, 18.0162,
-85.4689

■ 182.2420, 12.6987,
-59.8482

■ 163.0630, 20.6749,
-98.2793

■ 188.6350, 10.0399,
-47.0379

■ 156.3710, 23.4811,
-111.7044

■ 195.3270, 7.2338,
-33.6128

■ 149.9780, 26.1398,
-124.5147

■ 201.7200, 4.5750,
-20.8024

■ 147.5860, 27.3191,
-129.4329

■ 207.9990, 1.4795,
-7.8921

■ 214.3920, -1.1793,
4.9182

■ 220.7850, -3.8380,
17.7286

■ 225.0850, -5.4649,
26.2355

■ 225.1990, -5.0281,
26.1355

Harmonies

Analogous

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



181.2640, -4.0742, -46.7125



175.8490, 15.3574, -72.6586



175.4150, 30.3614, -78.4170

Triad

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



175.8490, 15.3574, -72.6586



198.4190, 21.4854, 15.4185



193.3100, -30.2258, 34.8081

Complementary

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



175.8490, 15.3574, -72.6586



129.1510, -15.3574, 72.6586

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.



195.8850, -22.1283, 50.9669



175.8490, 15.3574, -72.6586



198.9140, 7.4374, 41.2944

Square

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



175.8490, 15.3574, -72.6586



192.9030, 30.6138, -19.2089



196.0820, -7.4354, 51.6711



190.5690, -29.8605, 10.9020

Rectangle

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



175.8490, 15.3574, -72.6586



180.6430, 34.6860, -65.4619



196.0820, -7.4354, 51.6711



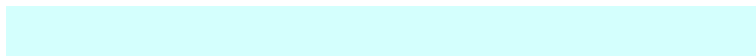
194.8100, -28.5003, 41.3856

Sweetspot

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



175.8490, 15.3574, -72.6586



241.9150, 5.4649, -26.2355



164.6470, -35.3220, -57.5724



119.9980, 2.9590, -15.7842



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.



175.8490, 15.3574, -72.6586



203.0730, 22.1490, -104.4270



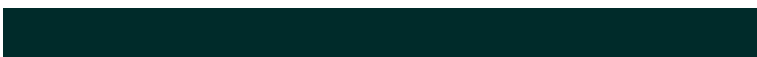
144.7210, 33.1685, -45.3593



103.7110, 1.6215, -6.7625



119.0730, 22.1490, -104.4270



30.0290, 5.9017, -26.3354

Inverse Universe

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



129.1510, -15.3574, 72.6586



135.9270, -22.1490, 104.4270



160.2790, -33.1685, 45.3593



99.4030, -1.1847, 6.6626



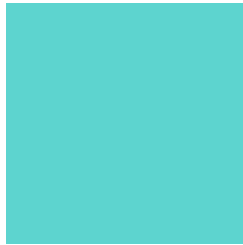
51.9270, -22.1490, 104.4270



13.0850, -5.4649, 26.2355

Previews

White Background



This preview shows how the YUV color 175.8490, 15.3574, -72.6586 looks on a white background.

Color Contrast Check

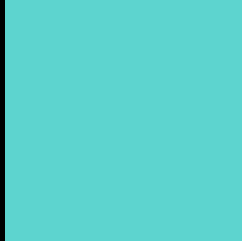
Large Text (above 18pt) WCAG AA × Fail

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 175.8490, 15.3574, -72.6586 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

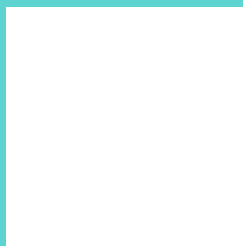
Any Text WCAG AAA ✓ Pass

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

YUV 175.8490, 15.3574, -72.6586 Background



This preview shows how black text looks on a background with the YUV color 175.8490, 15.3574, -72.6586.



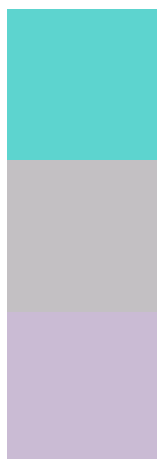
This preview shows how white text looks on a background with the YUV color 175.8490, 15.3574, -72.6586.

-72.6586.

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

175.8490, 15.3574, -72.6586

Protanopia

193.2390, 0.8682, 1.5444

Deuteranopia

194.3350, 8.7088, 6.7222



Tritanopia

178.3470, 23.4929, -68.7103

Trichromacy



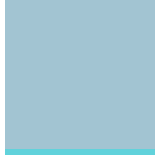
Original Color

175.8490, 15.3574, -72.6586



Protanomaly

186.7410, 6.0437, -25.2059



Deuteranomaly

187.4300, 11.1270, -22.3021



Tritanomaly

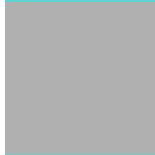
177.2390, 20.5882, -70.3696

Monochromacy



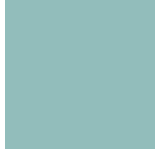
Original Color

175.8490, 15.3574, -72.6586



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

175.9150, 5.4649, -26.2355

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.8490, 15.3574, -72.6586 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(93, 212, 207)` looks like.

```
.text, #text, p{  
    color:rgb(93, 212, 207)  
}
```

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(93, 212, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 212, 207) }
```

Border

The CSS property to change the border of an element to YUV 175.8490, 15.3574, -72.6586 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(93, 212, 207) }
```


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

```
.border{ border-color:rgb(93, 212, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 212, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 212, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 212, 207);  
box-shadow:4px 4px 4px 4px rgb(93, 212,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 175.8490, 15.3574, -72.6586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 212, 207) }
```

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

```
.background{ background-color: rgb(93, 212,  
207) }
```

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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