

Converting Colors

YUV(175.0420, 12.7973,
-44.7638)

Have a look what the booklet for
YUV(175.0420, 12.7973, -44.7638)
contains.

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Color

**YUV(175.0420, 12.7973,
-44.7638)**

Conversions

| Conversions Part 1 | |
|--------------------|------------------------------|
| Format | Color |
| Hex | 7CC4C9 |
| RGB | 124, 196, 201 |
| RGB Percent | 49%, 77%, 79% |
| CMY | 0.5137, 0.2314, 0.2118 |
| CMYK | 0.38, 0.02, 0.00, 0.21 |
| HSL | 184°, 42%, 64% |
| HSV | 184°, 38%, 79% |
| XYZ | 38.5947, 47.9820, 62.4856 |
| YIQ | 175.0420, -44.5170, -13.7090 |

Conversions

Conversions Part 2

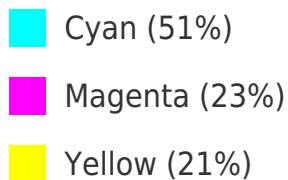
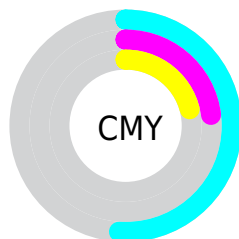
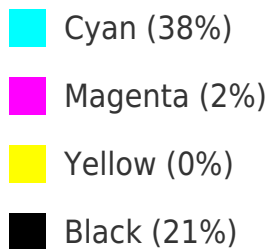
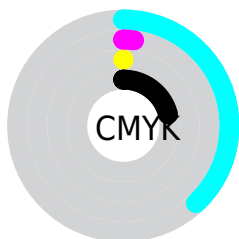
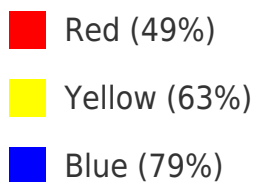
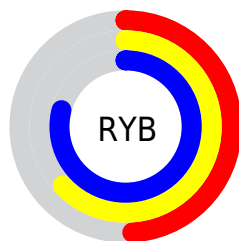
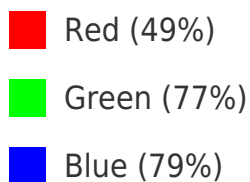
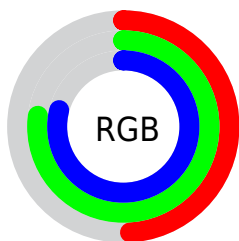
| Format | Color |
|-------------------------------------|--|
| RYB | 124, 161, 201 |
| Decimal | 8176841 |
| CIELab | 74.81, -21.18, -9.63 |
| CIELCh | 75, 23.269, 204.440 |
| Yxy | 47.9820, 0.2589, 0.3219 |
| Android (android.graphics.Color) | 4286366921 (0xFF7CC4C9) |
| YUV | 175.0420, 12.7973, -44.7638 |
| Hunter-Lab | 69.2690, -21.7657, -4.9955 |

Details

The YUV color **175.0420, 12.7973, -44.7638** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **149.9580, -12.7973, 44.7638**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.4010, 11.6343, -45.0787**, and **120.7430, 12.9447, -45.3786** is the 20% darker color. If you saturate the color by 10%, you get **168.4750, 16.0348, -56.5446**, and if you desaturate by 10%, it is **181.6090, 9.5598, -32.9831**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YUV color 175.0420, 12.7973, -44.7638 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 175.0420, 12.7973, -44.7638 by changing the saturation by 10% instead.


 175.0420, 12.7973,
-44.7638

 175.0420, 12.7973,
-44.7638


255.0000, 0.0000,
0.0000


 148.0420, 12.7973,
-44.7638

 231.4010, 11.6343,
-45.0787


 120.7430, 12.9447,
-45.3786


 240.9470, 6.9281,
-28.8945

 93.8460, 13.3869,
-47.2229

 249.6180, 2.6533,
-11.0660

 64.4750, 16.0348,
-56.5446

 48.2380, 12.2077,
-42.3047

 32.1150, 8.8173,
-28.1649

 18.5680, 5.1430,

-16.2841

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 175.0420, 12.7973,
-44.7638

■ 175.0420, 12.7973,
-44.7638

■ 168.4750, 16.0348,
-56.5446

■ 181.6090, 9.5598,
-32.9831

■ 161.3210, 19.5617,
-67.8105

■ 188.7630, 6.0328,
-21.7172

■ 154.7540, 22.7993,
-79.5913


■ 195.3300, 2.7953,
-9.9364


■ 148.1870, 26.0368,
-91.3720


■ 201.8970, -0.4422,
1.8443

 140.7340, 29.7111,
-103.2527


 209.3500, -4.1165,
13.7251


 134.1670, 32.9487,
-115.0335

 215.9170, -7.3541,
25.5058

 133.2700, 33.3909,
-116.8778

 219.4940, -9.1175,
31.1388

 220.0810, -9.4069,
30.6240

 221.2550, -9.9857,
29.5944

Harmonies

Analogous

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



175.8230, 1.5663, -35.8018



175.0420, 12.7973, -44.7638



177.3120, 20.0592, -40.6156

Triad

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



175.0420, 12.7973, -44.7638



187.5690, 10.5655, 17.9180



183.4310, -20.4255, 18.0390

Complementary

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



175.0420, 12.7973, -44.7638



149.9580, -12.7973, 44.7638

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.



185.3170, -17.4113, 31.2940



175.0420, 12.7973, -44.7638



187.7250, 0.6286, 31.8132

Square

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



175.0420, 12.7973, -44.7638



185.7990, 18.3401, -2.4547



187.0000, -9.8600, 35.9570



181.3040, -17.8979, 0.6104

Rectangle

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



175.0420, 12.7973, -44.7638



179.9480, 22.2106, -30.6494



187.0000, -9.8600, 35.9570



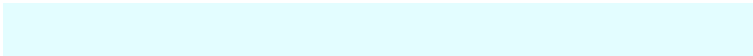
184.4640, -20.4418, 23.2721

Sweetspot

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



175.0420, 12.7973, -44.7638



245.4540, 4.7062, -16.1842



169.6550, -20.5359, -40.0394



121.7430, 3.0847, -9.4216



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.



175.0420, 12.7973, -44.7638



215.3210, 19.5617, -67.8105



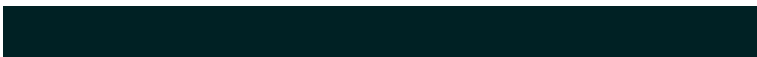
153.3230, 23.5048, -25.7163



96.3090, 1.3267, -5.5330



108.3930, 26.9213, -95.0607



23.4750, 6.1748, -20.5876

Inverse Universe

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



155.2310, 20.0991, 40.1394



185.4090, 30.3644, 61.0313



171.6770, -23.5048, 25.7163



93.7170, 2.6045, 4.6332



66.1790, 42.8028, 84.9120



14.5260, 9.1077, 18.8327

Previews

White Background



This preview shows how the YUV color 175.0420, 12.7973, -44.7638 looks on a white background.

Color Contrast Check

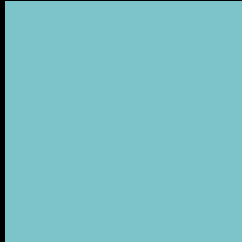
Large Text (above 18pt) WCAG AA × Fail

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 175.0420, 12.7973, -44.7638 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 175.0420, 12.7973, -44.7638

Background



This preview shows how black text looks on a background with the YUV color 175.0420, 12.7973, -44.7638.



This preview shows how white text looks on a background with the YUV color 175.0420, 12.7973, -44.7638.

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

175.0420, 12.7973, -44.7638

Protanopia

183.8520, 4.5100, 0.1298

Deuteranopia

184.9650, 9.8773, 5.2927



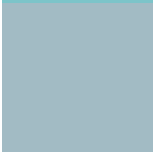
Tritanopia

176.0790, 16.7231, -43.9193

Trichromacy



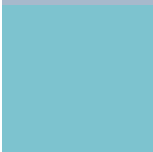
Original Color
175.0420, 12.7973, -44.7638



Protanomaly
180.5510, 7.6164, -16.2692



Deuteranomaly
181.7840, 10.9525, -12.9656

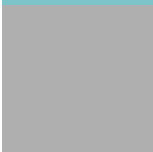


Tritanomaly
175.4380, 15.5601, -44.2341

Monochromacy



Original Color
175.0420, 12.7973, -44.7638



Achromatopsia
175.0000, 0.0000, 0.0000



Achromatomaly
175.0410, 4.4168, -16.6990

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.0420, 12.7973, -44.7638 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(124, 196, 201)` looks like.

```
.text, #text, p{  
    color:rgb(124, 196, 201)  
}
```

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(124, 196, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 196, 201) }
```

Border

The CSS property to change the border of an element to YUV 175.0420, 12.7973, -44.7638 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(124, 196, 201) }
```


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

```
.border{ border-color:rgb(124, 196, 201) }
```

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

Here you see how a box with a 4 pixel rgb(124, 196, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 196, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 196, 201);  
box-shadow:4px 4px 4px 4px rgb(124, 196,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 175.0420, 12.7973, -44.7638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 196, 201) }
```

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

```
.background{ background-color: rgb(124,  
196, 201) }
```

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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