

Converting Colors

YUV(173.7720, -1.3666,
-75.2220)

Have a look what the booklet for
YUV(173.7720, -1.3666, -75.2220)
contains.

YUV(173.7720, -1.3666, -75.2220)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(173.7720, -1.3666,
-75.2220)**

Conversions

Conversions Part 1

Format	Color
Hex	58DAAB
RGB	88, 218, 171
RGB Percent	35%, 85%, 67%
CMY	0.6549, 0.1451, 0.3294
CMYK	0.60, 0.00, 0.22, 0.15
HSL	158°, 64%, 60%
HSV	158°, 60%, 85%
XYZ	36.4466, 55.1578, 47.2537
YIQ	173.7720, -62.3930, -42.1770

Conversions

Conversions Part 2

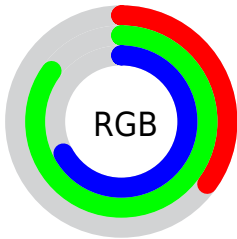
Format	Color
RYB	88, 167, 218
Decimal	5823147
CIELab	79.13, -46.80, 12.60
CIELCh	79, 48.465, 164.932
Yxy	55.1578, 0.2625, 0.3972
Android (android.graphics.Color)	4284013227 (0xFF58DAAB)
YUV	173.7720, -1.3666, -75.2220
Hunter-Lab	74.2683, -42.3720, 14.2642

Details

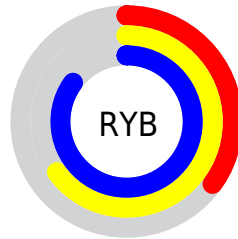
The YUV color **173.7720, -1.3666, -75.2220** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **132.2280, 1.3666, 75.2220**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0000, 2.9580, -62.2670**, and **108.6600, 5.0976, -95.2948** is the 20% darker color. If you saturate the color by 10%, you get **166.2820, -1.6180, -87.9473**, and if you desaturate by 10%, it is **181.2620, -1.1152, -62.4968**.

Distribution



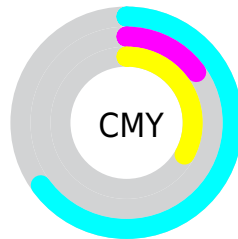
- Red (35%)
- Green (85%)
- Blue (67%)



- Red (35%)
- Yellow (65%)
- Blue (85%)



- Cyan (60%)
- Magenta (0%)
- Yellow (22%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.7720, -1.3666, -75.2220 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 173.7720, -1.3666, -75.2220 by changing the saturation by 10% instead.

 173.7720, -1.3666,
-75.2220

 173.7720, -1.3666,
-75.2220


255.0000, 0.0000,
0.0000

 144.0920, -0.0454,
-79.0107


 220.0000, 2.9580,
-62.2670


 108.6600, 5.0976,
-95.2948


 231.9770, 11.3503,
-47.3378


 89.9610, 1.9912,
-78.8958

 240.9470, 6.9281,
-28.8945

 71.9630, -0.9678,
-63.1116

 249.9170, 2.5059,
-10.4512

 54.7800, -3.3425,
-48.0421

 37.7110, -5.2805,
-33.0725

 22.4200, -10.5601,

-19.6623

■ 0.0000, 0.0000,
0.0000

■ 173.7720, -1.3666,
-75.2220

■ 173.7720, -1.3666,
-75.2220

■ 166.2820, -1.6180,
-87.9473

■ 181.2620, -1.1152,
-62.4968

■ 158.7920, -1.8695,
-100.6726

■ 188.7520, -0.8637,
-49.7715

■ 151.6010, -2.2683,
-112.7831

■ 195.9430, -0.4649,
-37.6610

■ 144.1110, -2.5197,
-125.5083

■ 203.4330, -0.2135,
-24.9357

■ 143.8120, -2.3723,
-126.1231

■ 210.8090, -0.3988,
-12.1105

■ 218.2990, -0.1474,
0.6148

■ 225.7890, 0.1040,
13.3400

■ 230.8870, 1.5347,
21.1471

■ 231.7990, 5.0291,
20.3473

Harmonies

Analogous

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



184.7120, -26.9730, -28.6884



173.7720, -1.3666, -75.2220



153.9920, 31.5559, -135.0510

Triad

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



173.7720, -1.3666, -75.2220



191.6960, 31.2089, -23.4124



191.3110, -28.2543, 55.8553

Complementary

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



173.7720, -1.3666, -75.2220



132.2280, 1.3666, 75.2220

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.



190.1150, -7.4517, 56.9041



173.7720, -1.3666, -75.2220



200.8530, 26.6945, 24.6849

Square

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



173.7720, -1.3666, -75.2220



171.8080, 41.0137, -88.4086



196.5330, 12.0622, 51.2756



193.8630, -42.3305, 43.9701

Rectangle

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



173.7720, -1.3666, -75.2220



156.0100, 44.3651, -136.8208



196.5330, 12.0622, 51.2756



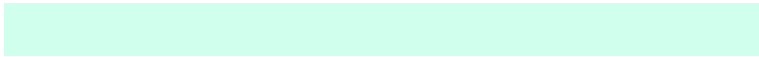
189.8580, -21.1290, 57.1295

Sweetspot

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



173.7720, -1.3666, -75.2220



239.3080, -0.6448, -26.5801



178.6620, -44.6964, -37.4146



118.0750, -0.5300, -16.7288



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.



173.7720, -1.3666, -75.2220



192.4600, -1.7058, -106.5204



169.1510, 24.0826, -71.1694



106.2550, -0.1257, -6.3626



114.2050, -1.5801, -100.1578



30.3080, -0.6448, -26.5801

Inverse Universe

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



132.2280, 1.3666, 75.2220



133.6540, 2.1426, 106.4204



136.8490, -24.0826, 71.1694



102.7450, 0.1257, 6.3626



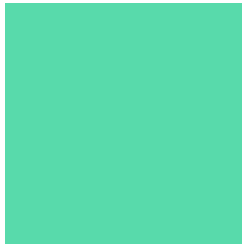
58.9090, 2.0169, 100.0578



15.6920, 0.6448, 26.5801

Previews

White Background



This preview shows how the YUV color 173.7720, -1.3666, -75.2220 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 173.7720, -1.3666, -75.2220 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

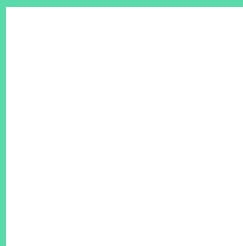
Any Text WCAG AAA ✓ Pass

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

YUV 173.7720, -1.3666, -75.2220 Background



This preview shows how black text looks on a background with the YUV color 173.7720, -1.3666, -75.2220.



This preview shows how white text looks on a background with the YUV color 173.7720, -1.3666,

-75.2220.

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

173.7720, -1.3666, -75.2220

Protanopia

193.5980, -17.0568, 10.8766

Deuteranopia

196.1290, -8.9376, 20.0579



Tritanopia

181.1410, 22.6085, -65.0217

Trichromacy



Original Color

173.7720, -1.3666, -75.2220



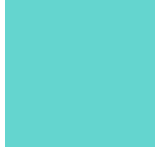
Protanomaly

186.4800, -11.5756, -20.5920



Deuteranomaly

187.8920, -6.3558, -14.8143



Tritanomaly

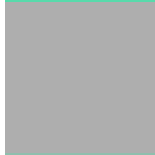
178.5290, 14.0362, -68.8699

Monochromacy



Original Color

173.7720, -1.3666, -75.2220



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.0090, -0.4974, -27.1949

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.7720, -1.3666, -75.2220 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(88, 218, 171)` looks like.

```
.text, #text, p{  
    color:rgb(88, 218, 171)  
}
```

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(88, 218, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 218, 171) }
```

Border

The CSS property to change the border of an element to YUV 173.7720, -1.3666, -75.2220 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(88, 218, 171) }
```


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

```
.border{ border-color:rgb(88, 218, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 218, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 218, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 218, 171);  
box-shadow:4px 4px 4px 4px rgb(88, 218,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 173.7720, -1.3666, -75.2220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 218, 171) }
```

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

```
.background{ background-color: rgb(88, 218,  
171) }
```

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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