

Converting Colors

YUV(173.9790, -22.1746,
-74.5266)

Have a look what the booklet for
YUV(173.9790, -22.1746, -74.5266)
contains.

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Color

**YUV(173.9790, -22.1746,
-74.5266)**

Conversions

Conversions Part 1

Format	Color
Hex	59E281
RGB	89, 226, 129
RGB Percent	35%, 89%, 51%
CMY	0.6510, 0.1137, 0.4941
CMYK	0.61, 0.00, 0.43, 0.11
HSL	138°, 70%, 62%
HSV	138°, 61%, 89%
XYZ	35.2786, 58.1015, 30.1242
YIQ	173.9790, -50.5150, -59.2110

Conversions

Conversions Part 2

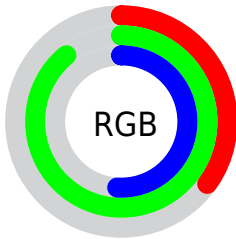
Format	Color
RYB	89, 195, 226
Decimal	5890689
CIELab	80.80, -57.89, 36.57
CIElCh	81, 68.472, 147.721
Yxy	58.1015, 0.2856, 0.4704
Android (android.graphics.Color)	4284080769 (0xFF59E281)
YUV	173.9790, -22.1746, -74.5266
Hunter-Lab	76.2244, -50.7782, 29.9254

Details

The YUV color **173.9790, -22.1746, -74.5266** is a light color, and the websafe version is hex **33CC66**. The color can be described as light muted spring green. A complement of this color would be **141.0210, 22.1746, 74.5266**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.3970, -15.9717, -57.3532**, and **108.0950, -14.8368, -94.7993** is the 20% darker color. If you saturate the color by 10%, you get **165.2780, -25.7731, -87.0668**, and if you desaturate by 10%, it is **182.6800, -18.5762, -61.9864**.

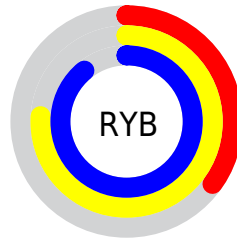
Distribution



Red (35%)

Green (89%)

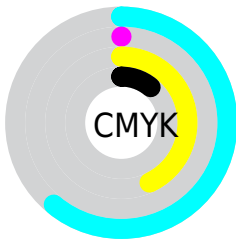
Blue (51%)



Red (35%)

Yellow (76%)

Blue (89%)

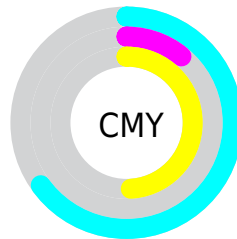


Cyan (61%)

Magenta (0%)

Yellow (43%)

Black (11%)



Cyan (65%)

Magenta (11%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.9790, -22.1746, -74.5266 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 173.9790, -22.1746, -74.5266 by changing the saturation by 10% instead.

■ 173.9790,
-22.1746, -74.5266

■ 173.9790,
-22.1746, -74.5266

255.0000, 0.0000,
0.0000

■ 143.5270,
-19.9798, -78.5152

■ 215.3970,
-15.9717, -57.3532

■ 108.0950,
-14.8368, -94.7993

■ 227.5590, -8.1636,
-41.7092

■ 89.3960, -17.9432,
-78.4003

■ 239.8350, 0.0813,
-26.1653

■ 71.3980, -20.9022,
-62.6160

■ 250.8140, 2.0637,
-8.6069

■ 52.9440, -25.6084,
-46.4319

■ 38.1550, -18.8104,
-33.4619

■ 24.6540, -12.1544,

-21.6216

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 173.9790,
-22.1746, -74.5266

■ 173.9790,
-22.1746, -74.5266

■ 165.2780,
-25.7731, -87.0668

■ 182.6800,
-18.5762, -61.9864

■ 156.8760,
-29.5189, -98.9923

■ 191.0820,
-14.8304, -50.0609

■ 148.1750,
-33.1173, -111.5325

■ 199.7830,
-11.2320, -37.5207


■ 140.1860,
-36.5737, -122.9431

■ 208.1850, -7.4862,
-25.5952

 216.8860, -3.8878,
-13.0550

 225.5870, -0.2894,
-0.5148

 233.9890, 3.4564,
11.4106

 237.9770, 8.3923,
14.9292

Harmonies

Analogous

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



187.2480, -53.3663, -9.8645



173.9790, -22.1746, -74.5266



157.5990, 17.4527, -138.2143

Triad

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



173.9790, -22.1746, -74.5266



151.7530, 50.9008, -133.0874



180.2380, -17.3723, 65.5663

Complementary

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



173.9790, -22.1746, -74.5266



141.0210, 22.1746, 74.5266

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.



183.8980, 11.8823, 62.3565



173.9790, -22.1746, -74.5266



196.2580, 28.9598, -1.9803

Square

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



173.9790, -22.1746, -74.5266



160.5580, 46.5599, -140.8094



198.6480, 27.7815, 49.4207



187.1100, -46.8892, 59.5395

Rectangle

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



173.9790, -22.1746, -74.5266



163.3160, 36.8192, -143.2281



198.6480, 27.7815, 49.4207



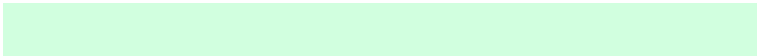
179.5830, -7.1894, 66.1407

Sweetspot

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



173.9790, -22.1746, -74.5266



237.5980, -7.1968, -25.0804



198.7210, -54.0925, -10.2793



117.0490, -4.4612, -15.8290



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.



173.9790, -22.1746, -74.5266



184.3380, -30.2396, -101.1514



181.6170, 7.0908, -81.2251



107.7990, -1.8729, -5.9627



109.1260, -28.6561, -95.7035



29.7720, -7.7756, -26.1100

Inverse Universe

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



141.0210, 22.1746, 74.5266



139.6620, 30.2396, 101.1514



133.3830, -7.0908, 81.2251



105.2010, 1.8729, 5.9627



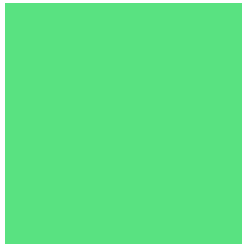
66.8740, 28.6561, 95.7035



18.2280, 7.7756, 26.1100

Previews

White Background



This preview shows how the YUV color 173.9790, -22.1746, -74.5266 looks on a white background.

Color Contrast Check

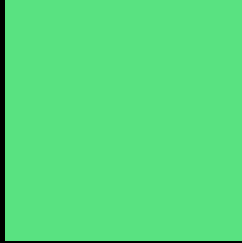
Large Text (above 18pt) WCAG AA × Fail

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 173.9790, -22.1746, -74.5266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

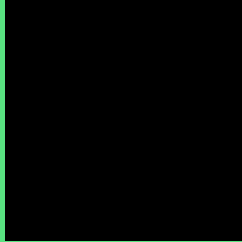
Any Text WCAG AA ✓ Pass

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 173.9790, -22.1746, -74.5266 Background



This preview shows how black text looks on a background with the YUV color 173.9790, -22.1746, -74.5266.



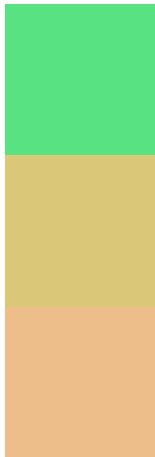
This preview shows how white text looks on a background with the YUV color 173.9790, -22.1746, -74.5266.

-74.5266.

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

173.9790, -22.1746, -74.5266

Protanopia

195.5610, -37.7446, 19.6790

Deuteranopia

198.0110, -30.0784, 34.1934



Tritanopia

187.2340, 21.5766, -60.7182

Trichromacy



Original Color

173.9790, -22.1746, -74.5266



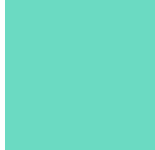
Protanomaly

187.8340, -31.9632, -14.7634



Deuteranomaly

189.1540, -27.1909, -5.3971



Tritanomaly

182.0750, 5.8790, -65.8408

Monochromacy



Original Color

173.9790, -22.1746, -74.5266



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.0600, -7.9176, -27.2396

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.9790, -22.1746, -74.5266 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(89, 226, 129)` looks like.

```
.text, #text, p{  
    color:rgb(89, 226, 129)  
}
```

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(89, 226, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 226, 129) }
```

Border

The CSS property to change the border of an element to YUV 173.9790, -22.1746, -74.5266 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(89, 226, 129) }
```


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

```
.border{ border-color:rgb(89, 226, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 226, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 226, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 226, 129);  
box-shadow:4px 4px 4px 4px rgb(89, 226,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 173.9790, -22.1746, -74.5266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 226, 129) }
```

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

```
.background{ background-color: rgb(89, 226,  
129) }
```

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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