

Converting Colors

YUV(173.9390, -28.0709,
-49.9355)

Have a look what the booklet for
YUV(173.9390, -28.0709, -49.9355)
contains.

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Color

**YUV(173.9390, -28.0709,
-49.9355)**

Conversions

Conversions Part 1

Format	Color
Hex	75D675
RGB	117, 214, 117
RGB Percent	46%, 84%, 46%
CMY	0.5412, 0.1608, 0.5412
CMYK	0.45, 0.00, 0.45, 0.16
HSL	120°, 54%, 65%
HSV	120°, 45%, 84%
XYZ	34.5936, 53.1594, 25.2671
YIQ	173.9390, -26.6750, -50.7310

Conversions

Conversions Part 2

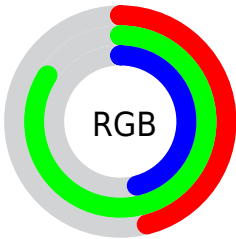
Format	Color
RYB	117, 214, 214
Decimal	7722613
CIELab	77.97, -48.05, 39.11
CIELCh	78, 61.956, 140.854
Yxy	53.1594, 0.3061, 0.4704
Android (android.graphics.Color)	4285912693 (0xFF75D675)
YUV	173.9390, -28.0709, -49.9355
Hunter-Lab	72.9105, -42.9011, 30.4904

Details

The YUV color **173.9390, -28.0709, -49.9355** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **157.0610, 28.0709, 49.9355**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.0910, -25.1879, -41.2988**, and **117.9110, -25.5921, -51.6649** is the 20% darker color. If you saturate the color by 10%, you get **165.2660, -34.1481, -60.7463**, and if you desaturate by 10%, it is **182.6120, -21.9937, -39.1247**.

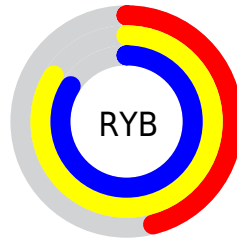
Distribution



Red (46%)

Green (84%)

Blue (46%)



Red (46%)

Yellow (84%)

Blue (84%)

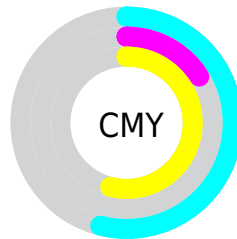


Cyan (45%)

Magenta (0%)

Yellow (45%)

Black (16%)



Cyan (54%)

Magenta (16%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.9390, -28.0709, -49.9355 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 173.9390, -28.0709, -49.9355 by changing the saturation by 10% instead.

■ 173.9390,
-28.0709, -49.9355

■ 173.9390,
-28.0709, -49.9355

255.0000, 0.0000,
0.0000

■ 146.1670,
-27.1973, -50.1355

■ 221.0910,
-25.1879, -41.2988

■ 117.9110,
-25.5921, -51.6649

■ 232.9540,
-17.2323, -26.2697

■ 89.1490, -23.2445,
-58.0127

■ 244.9310, -8.8400,
-11.3405

■ 63.9320, -24.1235,
-56.0684

■ 47.5470, -23.4407,
-41.6987

■ 32.8720, -16.2059,
-28.8287

■ 20.5450, -10.1287,

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 173.9390,
-28.0709, -49.9355

■ 173.9390,
-28.0709, -49.9355

■ 165.2660,
-34.1481, -60.7463

■ 182.6120,
-21.9937, -39.1247

■ 156.1800,
-40.5147, -72.0719

■ 191.6980,
-15.6271, -27.7991

■ 147.5070,
-46.5920, -82.8826

■ 200.3710, -9.5499,
-16.9884

■ 138.4210,
-52.9586, -94.2082

■ 209.4570, -3.1833,
-5.6628

■ 129.7480,
-59.0358, -105.0190

■ 218.1300, 2.8939,
5.1480

■ 125.6180,
-61.9297, -110.1670

■ 226.8030, 8.9711,
15.9588

■ 230.9330, 11.8650,
21.1068

Harmonies

Analogous

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



183.1940, -51.3676, 2.4609



173.9390, -28.0709, -49.9355



148.8620, 11.9000, -130.5520

Triad

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



173.9390, -28.0709, -49.9355



148.8180, 52.3477, -130.5134



179.0300, -11.8468, 66.6257

Complementary

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



173.9390, -28.0709, -49.9355



157.0610, 28.0709, 49.9355

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.



185.0550, 13.7769, 61.3418



173.9390, -28.0709, -49.9355



187.2990, 33.3766, -18.6792

Square

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



173.9390, -28.0709, -49.9355



155.8620, 48.8750, -136.6910



197.1310, 28.5294, 42.8581



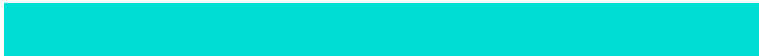
183.3090, -38.6063, 62.8730

Rectangle

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



173.9390, -28.0709, -49.9355



154.0090, 29.0826, -135.0659



197.1310, 28.5294, 42.8581



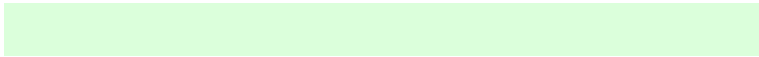
179.4350, -2.6795, 66.2705

Sweetspot

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



173.9390, -28.0709, -49.9355



240.1320, -10.4181, -18.5328



202.9420, -42.3694, 9.6979



118.9140, -6.3666, -11.3256



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.



173.9390, -28.0709, -49.9355



198.0060, -39.9360, -71.0423



179.4110, -7.1046, -54.7344



102.4570, -3.1833, -5.6628



100.3770, -49.4859, -88.0306



25.2410, -12.4438, -22.1364

Inverse Universe

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



157.0610, 28.0709, 49.9355



173.9940, 39.9360, 71.0423



151.4750, 6.6678, 54.8344



100.5430, 3.1833, 5.6628



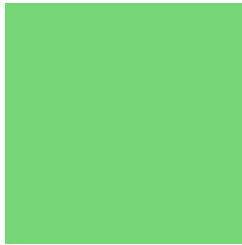
70.6230, 49.4859, 88.0306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 173.9390, -28.0709, -49.9355 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 173.9390, -28.0709, -49.9355 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 173.9390, -28.0709, -49.9355 Background



This preview shows how black text looks on a background with the YUV color 173.9390, -28.0709, -49.9355.



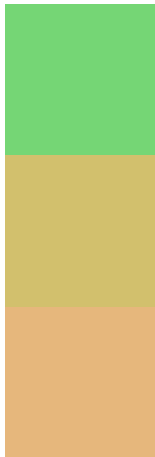
This preview shows how white text looks on a background with the YUV color 173.9390, -28.0709, -49.9355.

-49.9355.

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

173.9390, -28.0709, -49.9355

Protanopia

187.9200, -38.9076, 19.3642

Deuteranopia

190.3270, -32.6992, 34.7932



Tritanopia

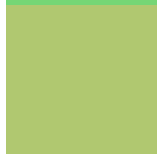
184.8020, 16.8596, -41.0454

Trichromacy



Original Color

173.9390, -28.0709, -49.9355



Protanomaly

182.7920, -34.9005, -5.9566



Deuteranomaly

184.1830, -31.1492, 4.2245



Tritanomaly

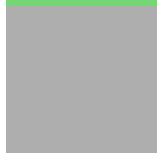
180.5400, 0.7198, -44.3236

Monochromacy



Original Color

173.9390, -28.0709, -49.9355



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.1320, -10.4181, -18.5328

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.9390, -28.0709, -49.9355 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(117, 214, 117)` looks like.

```
.text, #text, p{  
    color:rgb(117, 214, 117)  
}
```

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(117, 214, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 214, 117) }
```

Border

The CSS property to change the border of an element to YUV 173.9390, -28.0709, -49.9355 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(117, 214, 117) }
```


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

```
.border{ border-color:rgb(117, 214, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 214, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 214, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 214, 117);  
box-shadow:4px 4px 4px 4px rgb(117, 214,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 173.9390, -28.0709, -49.9355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 214, 117) }
```

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

```
.background{ background-color: rgb(117,  
214, 117) }
```

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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