

Converting Colors

YUV(173.4880, -0.7336,
-91.6360)

Have a look what the booklet for
YUV(173.4880, -0.7336, -91.6360)
contains.

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Color

**YUV(173.4880, -0.7336,
-91.6360)**

Conversions

Conversions Part 1

Format	Color
Hex	45E3AC
RGB	69, 227, 172
RGB Percent	27%, 89%, 67%
CMY	0.7294, 0.1098, 0.3255
CMYK	0.70, 0.00, 0.24, 0.11
HSL	159°, 74%, 58%
HSV	159°, 70%, 89%
XYZ	37.3697, 59.1819, 48.4834
YIQ	173.4880, -76.5130, -50.6010

Conversions

Conversions Part 2

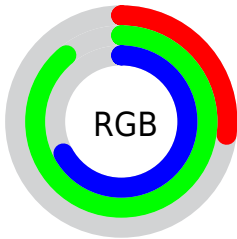
Format	Color
RYB	69, 165, 227
Decimal	4580268
CIELab	81.39, -53.50, 15.19
CIELCh	81, 55.612, 164.146
Yxy	59.1819, 0.2577, 0.4081
Android (android.graphics.Color)	4282770348 (0xFF45E3AC)
YUV	173.4880, -0.7336, -91.6360
Hunter-Lab	76.9298, -47.9183, 16.4846




Details

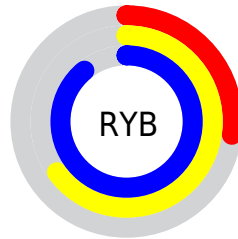
The YUV color **173.4880, -0.7336, -91.6360** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **122.5120, 0.7336, 91.6360**, and the grayscale version is **174.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **216.2270, 5.3111, -70.3591**, and **113.4700, 3.2193, -99.5132** is the 20% darker color. If you saturate the color by 10%, you get **165.6990, -0.8376, -104.9760**, and if you desaturate by 10%, it is **181.2770, -0.6296, -78.2959**.

Distribution







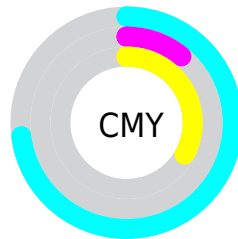
-  Red (27%)
-  Green (89%)
-  Blue (67%)






-  Red (27%)
-  Yellow (65%)
-  Blue (89%)



-  Cyan (70%)
-  Magenta (0%)
-  Yellow (24%)
-  Black (11%)



-  Cyan (73%)
-  Magenta (11%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.4880, -0.7336, -91.6360 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 173.4880, -0.7336, -91.6360 by changing the saturation by 10% instead.

173.4880, -0.7336,
-91.6360

173.4880, -0.7336,
-91.6360

255.0000, 0.0000,
0.0000

137.8390, 3.5304,
-105.9758

216.2270, 5.3111,
-70.3591

113.4700, 3.2193,
-99.5132

228.3890, 13.1192,
-54.7152

94.7710, 0.1129,
-83.1142

237.6580, 8.5496,
-35.6571

76.7730, -2.8461,
-67.3299

246.9270, 3.9800,
-16.5990

58.8890, -5.3683,
-51.6457

41.8200, -7.3063,
-36.6761

26.0560, -11.8596,

-22.8511

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 173.4880, -0.7336,
-91.6360

■ 173.4880, -0.7336,
-91.6360

■ 165.6990, -0.8376,
-104.9760

■ 181.2770, -0.6296,
-78.2959

■ 158.2090, -1.0890,
-117.7013

■ 188.7670, -0.3781,
-65.5707

■ 150.4200, -1.1931,
-131.0413

■ 196.5560, -0.2741,
-52.2306

■ 150.1210, -1.0457,
-131.6561


■ 204.3450, -0.1701,
-38.8906

 211.8350, 0.0813,
-26.1653

 219.5100, -0.2514,
-12.7253

 227.2990, -0.1474,
0.6148

 235.0880, -0.0434,
13.9548

 237.1960, 2.8614,
15.6141

Harmonies

Analogous

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



188.5390, -31.3247, -32.9217



173.4880, -0.7336, -91.6360



160.1870, 32.4458, -140.4840

Triad

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



173.4880, -0.7336, -91.6360



194.0220, 30.0622, -28.9603



191.6700, -29.4173, 55.5404

Complementary

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



173.4880, -0.7336, -91.6360



122.5120, 0.7336, 91.6360

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.



189.9840, -5.4151, 57.0190



173.4880, -0.7336, -91.6360



205.3050, 24.4996, 28.6735

Square

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



173.4880, -0.7336, -91.6360



155.8620, 48.8750, -136.6910



197.7870, 16.8670, 50.1758



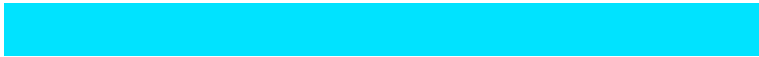
199.2890, -48.4565, 48.8585

Rectangle

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



173.4880, -0.7336, -91.6360



162.3190, 45.6917, -142.3538



197.7870, 16.8670, 50.1758



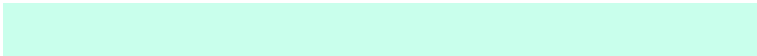
190.3310, -21.8552, 56.7147

Sweetspot

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



173.4880, -0.7336, -91.6360



236.6880, -0.3392, -31.2984



178.1910, -53.8312, -47.5255



117.0640, -0.5246, -18.4731



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.



173.4880, -0.7336, -91.6360



182.4640, -1.2148, -124.0639



165.6700, 30.2357, -84.7796



110.9560, 0.0217, -6.9774



118.2970, -1.1324, -103.7465



33.6990, -0.3446, -29.5540

Inverse Universe

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



122.5120, 0.7336, 91.6360



113.4220, 0.7780, 124.1639



130.3300, -30.2357, 84.7796



107.0440, -0.0217, 6.9774



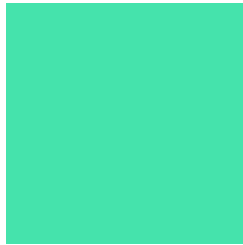
60.5890, 0.6956, 103.8464



17.3010, 0.3446, 29.5540

Previews

White Background



This preview shows how the YUV color 173.4880, -0.7336, -91.6360 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 173.4880, -0.7336, -91.6360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

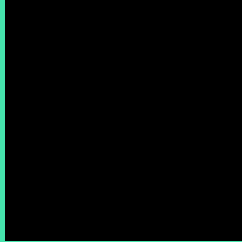
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

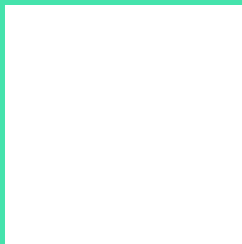
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 173.4880, -0.7336, -91.6360

Background



This preview shows how black text looks on a background with the YUV color 173.4880, -0.7336, -91.6360.



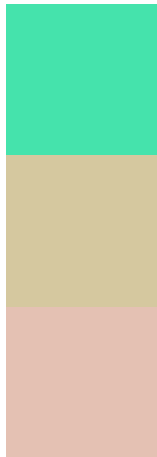
This preview shows how white text looks on a background with the YUV color 173.4880, -0.7336, -91.6360.

-91.6360.

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

173.4880, -0.7336, -91.6360

Protanopia

199.2130, -19.8250, 12.0912

Deuteranopia

201.8690, -11.2744, 22.9169



Tritanopia

183.8730, 25.6986, -76.1876

Trichromacy



Original Color

173.4880, -0.7336, -91.6360



Protanomaly

190.1050, -12.8698, -25.5251



Deuteranomaly

191.2290, -7.5079, -18.6178



Tritanomaly

180.0220, 16.2582, -81.5803

Monochromacy



Original Color

173.4880, -0.7336, -91.6360



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.3780, -0.1864, -33.6575

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.4880, -0.7336, -91.6360 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(69, 227, 172)` looks like.

```
.text, #text, p{  
    color:rgb(69, 227, 172)  
}
```

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(69, 227, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 227, 172) }
```

Border

The CSS property to change the border of an element to YUV 173.4880, -0.7336, -91.6360 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(69, 227, 172) }
```


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

```
.border{ border-color:rgb(69, 227, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 227, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 227, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 227, 172);  
box-shadow:4px 4px 4px 4px rgb(69, 227,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 173.4880, -0.7336, -91.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 227, 172) }
```

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

```
.background{ background-color: rgb(69, 227,  
172) }
```

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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