

Converting Colors

YUV(173.4740, 7.6543,
-28.4797)

Have a look what the booklet for
YUV(173.4740, 7.6543, -28.4797)
contains.

YUV(173.4740, 7.6543, -28.4797)	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(173.4740, 7.6543,
-28.4797)**

Conversions

Conversions Part 1

Format	Color
Hex	8DBBBD
RGB	141, 187, 189
RGB Percent	55%, 73%, 74%
CMY	0.4471, 0.2667, 0.2588
CMYK	0.25, 0.01, 0.00, 0.26
HSL	183°, 27%, 65%
HSV	183°, 25%, 74%
XYZ	37.9401, 44.8775, 54.8067
YIQ	173.4740, -28.0580, -9.1300

Conversions

Conversions Part 2

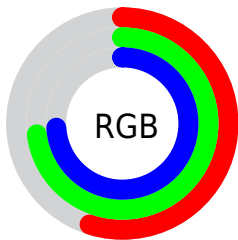
Format	Color
RYB	141, 164, 189
Decimal	9288637
CIELab	72.81, -14.66, -5.97
CIELCh	73, 15.828, 202.166
Yxy	44.8775, 0.2757, 0.3261
Android (android.graphics.Color)	4287478717 (0xFF8DBBBD)
YUV	173.4740, 7.6543, -28.4797
Hunter-Lab	66.9907, -16.1403, -1.6131

Details

The YUV color $173.4740, 7.6543, -28.4797$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $156.5260, -7.6543, 28.4797$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.1750, 7.8017, -29.0945$, and $120.7730, 7.5069, -27.8649$ is the 20% darker color. If you saturate the color by 10%, you get $167.2060, 10.7444, -39.6457$, and if you desaturate by 10%, it is $179.7420, 4.5642, -17.3137$.

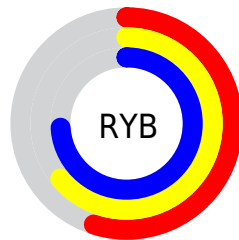
Distribution



Red (55%)

Green (73%)

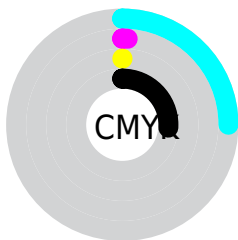
Blue (74%)



Red (55%)

Yellow (64%)

Blue (74%)

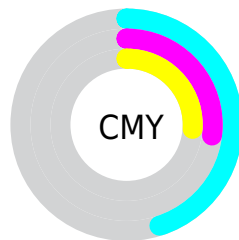


Cyan (25%)

Magenta (1%)

Yellow (0%)

Black (26%)



Cyan (45%)

Magenta (27%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.4740, 7.6543, -28.4797 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 173.4740, 7.6543, -28.4797 by changing the saturation by 10% instead.

■ 173.4740, 7.6543,
-28.4797

■ 173.4740, 7.6543,
-28.4797

■ 255.0000, 0.0000,
0.0000

■ 146.7730, 7.5069,
-27.8649

■ 229.1750, 7.8017,
-29.0945

■ 120.7730, 7.5069,
-27.8649

■ 245.7310, 4.5696,
-19.0581

■ 95.0720, 7.3595,
-27.2501

■ 254.4020, 0.2948,
-1.2296

■ 70.7730, 7.5069,
-27.8649

■ 46.5770, 8.0965,
-30.3240

■ 27.5670, 6.6225,
-24.1763

■ 12.9600, 3.9637,

-11.3659

■ 0.0000, 0.0000,
0.0000

■ 173.4740, 7.6543,
-28.4797

■ 173.4740, 7.6543,
-28.4797

■ 167.2060, 10.7444,
-39.6457

■ 179.7420, 4.5642,
-17.3137

■ 160.9380, 13.8346,
-50.8116

■ 186.0100, 1.4741,
-6.1478

■ 155.2570, 16.6353,
-62.4924

■ 191.6910, -1.3267,
5.5330

■ 148.9890, 19.7254,
-73.6584

■ 197.9590, -4.4168,
16.6990

■ 143.0200, 22.6681,
-84.2095

■ 204.2270, -7.5069,
27.8649

■ 136.7520, 25.7583,
-95.3755

■ 210.1960,
-10.4496, 38.4161

■ 130.4840, 28.8484,
-106.5415

■ 211.0820,
-10.8864, 38.5161

■ 127.7930, 30.1751,
-112.0745

■ 211.6690,
-11.1758, 38.0013

Harmonies

Analogous

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



173.8570, 0.0705, -22.6766



173.4740, 7.6543, -28.4797



174.8640, 12.8850, -26.1907

Triad

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



173.4740, 7.6543, -28.4797



181.4280, 7.6770, 11.0256



178.4180, -14.0101, 13.6654

Complementary

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



173.4740, 7.6543, -28.4797



156.5260, -7.6543, 28.4797

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.



180.0430, -11.8532, 21.8873



173.4740, 7.6543, -28.4797



181.6590, 0.6611, 21.3471

Square

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



173.4740, 7.6543, -28.4797



179.6050, 12.5197, -2.2846



181.1450, -6.4805, 25.3058



177.0960, -12.3723, 1.6698

Rectangle

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



173.4740, 7.6543, -28.4797



176.6520, 14.4686, -20.7428



181.1450, -6.4805, 25.3058



179.1410, -13.8735, 16.5393

Sweetspot

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



173.4740, 7.6543, -28.4797



238.4330, 3.2375, -11.7807



169.4040, -13.0172, -24.9103



118.4120, 1.7689, -7.3773



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



173.4740, 7.6543, -28.4797



221.1130, 11.7763, -43.9491



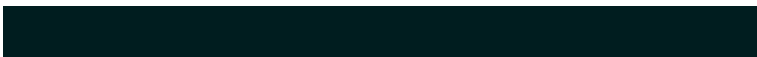
159.3860, 14.5997, -16.1245



91.3090, 1.3267, -5.5330



107.2360, 25.0267, -94.0460



20.5570, 5.1484, -18.0285

Inverse Universe

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



160.5960, 13.0172, 24.9103



201.2200, 20.1045, 38.3951



170.6140, -14.5997, 16.1245



88.7170, 2.6045, 4.6332



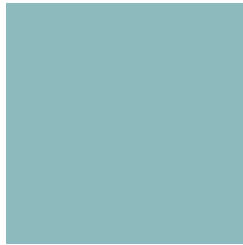
64.5700, 43.1030, 81.9381



12.5750, 8.0975, 16.1587

Previews

White Background



This preview shows how the YUV color 173.4740, 7.6543, -28.4797 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 173.4740, 7.6543, -28.4797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

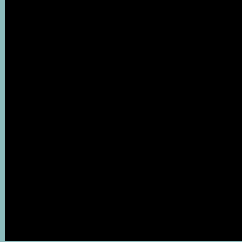
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.4740, 7.6543, -28.4797

Background



This preview shows how black text looks on a background with the YUV color 173.4740, 7.6543, -28.4797.

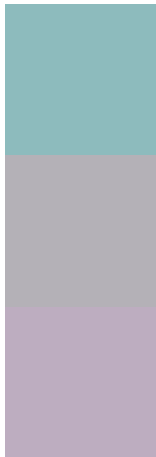


This preview shows how white text looks on a background with the YUV color 173.4740, 7.6543, -28.4797.

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

173.4740, 7.6543, -28.4797

Protanopia

178.5810, 2.1786, 1.2445

Deuteranopia

179.9500, 5.9407, 7.9369



Tritanopia

174.1520, 12.7431, -27.3203

Trichromacy



Original Color

173.4740, 7.6543, -28.4797

Protanomaly

176.9710, 3.9583, -9.6216

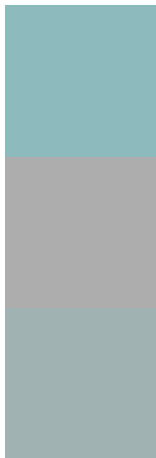
Deuteranomaly

177.6880, 6.5628, -4.9884

Tritanomaly

173.9840, 10.8539, -28.0500

Monochromacy



Original Color

173.4740, 7.6543, -28.4797

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0310, 2.9427, -10.5512

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.4740, 7.6543, -28.4797 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(141, 187, 189)` looks like.

```
.text, #text, p{  
    color:rgb(141, 187, 189)  
}
```

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(141, 187, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 187, 189) }
```

Border

The CSS property to change the border of an element to YUV 173.4740, 7.6543, -28.4797 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(141, 187, 189) }
```


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

```
.border{ border-color:rgb(141, 187, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 187, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 187, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 187, 189);  
box-shadow:4px 4px 4px 4px rgb(141, 187,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 173.4740, 7.6543, -28.4797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 187, 189) }
```

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

```
.background{ background-color: rgb(141,  
187, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor