

Converting Colors

YUV(153.6390, -2.7800,
-41.7794)

Have a look what the booklet for
YUV(153.6390, -2.7800, -41.7794)
contains.

YUV(153.6390, -2.7800, -41.7794)	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(153.6390, -2.7800,
-41.7794)**

Conversions

Conversions Part 1

Format	Color
Hex	6AB394
RGB	106, 179, 148
RGB Percent	42%, 70%, 58%
CMY	0.5843, 0.2980, 0.4196
CMYK	0.41, 0.00, 0.17, 0.30
HSL	155°, 32%, 56%
HSV	155°, 41%, 70%
XYZ	27.4093, 37.4425, 33.7995
YIQ	153.6390, -33.5570, -25.1170

Conversions

Conversions Part 2

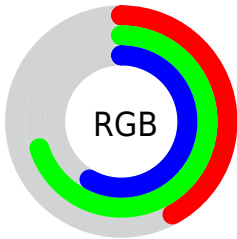
Format	Color
RYB	106, 152, 179
Decimal	6992788
CIELab	67.61, -30.04, 8.73
CIElCh	68, 31.285, 163.793
Yxy	37.4425, 0.2778, 0.3795
Android (android.graphics.Color)	4285182868 (0xFF6AB394)
YUV	153.6390, -2.7800, -41.7794
Hunter-Lab	61.1903, -27.1266, 10.0834

Details

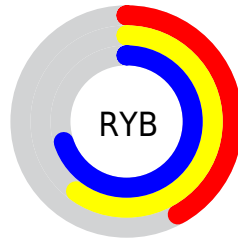
The YUV color **153.6390, -2.7800, -41.7794** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **131.3610, 2.7800, 41.7794**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.8130, -3.3588, -42.8090**, and **100.8670, -1.9064, -41.9794** is the 20% darker color. If you saturate the color by 10%, you get **147.3450, -3.6211, -52.0456**, and if you desaturate by 10%, it is **159.9330, -1.9390, -31.5132**.

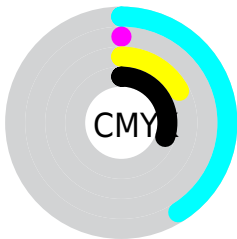
Distribution



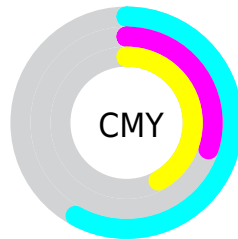
- Red (42%)
- Green (70%)
- Blue (58%)



- Red (42%)
- Yellow (60%)
- Blue (70%)



- Cyan (41%)
- Magenta (0%)
- Yellow (17%)
- Black (30%)



- Cyan (58%)
- Magenta (30%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.6390, -2.7800, -41.7794 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 153.6390, -2.7800, -41.7794 by changing the saturation by 10% instead.

 153.6390, -2.7800,
-41.7794


 153.6390, -2.7800,
-41.7794


255.0000, 0.0000,
0.0000


 126.7530, -2.3432,
-41.8794

 208.8130, -3.3588,
-42.8090

 100.8670, -1.9064,
-41.9794


 232.1170, -1.0437,
-38.6906


 74.0130, -0.0064,
-44.7384

 243.6380, 5.6015,
-23.3615

 50.4260, 0.2830,
-44.2236

 252.3090, 1.3267,
-5.5330

 34.5310, -2.2338,
-30.2837

 19.9410, -7.3659,
-17.4883

 0.0000, 0.0000,

0.0000

■ 153.6390, -2.7800,
-41.7794

■ 153.6390, -2.7800,
-41.7794

■ 147.3450, -3.6211,
-52.0456

■ 159.9330, -1.9390,
-31.5132

■ 141.1650, -4.0253,
-62.4117

■ 166.1130, -1.5347,
-21.1471

■ 134.8710, -4.8664,
-72.6779

■ 172.4070, -0.6937,
-10.8809

■ 128.6910, -5.2707,
-83.0440

■ 178.5870, -0.2894,
-0.5148

■ 122.6960, -6.2591,
-92.6954

■ 184.8810, 0.5517,
9.7514

■ 116.8150, -6.8108,
-102.4468

■ 190.8760, 1.5401,
19.4027

■ 197.0560, 1.9444,
29.7689

■ 203.3500, 2.7855,
40.0351

■ 205.9420, 4.9586,
43.0239

Harmonies

Analogous

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



158.3080, -17.4068, -16.9331



153.6390, -2.7800, -41.7794



148.8610, 13.8725, -63.0221

Triad

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



153.6390, -2.7800, -41.7794



164.6000, 26.8192, -15.4352



166.5250, -19.4858, 43.3896

Complementary

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



153.6390, -2.7800, -41.7794



131.3610, 2.7800, 41.7794

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.



168.0490, -7.4192, 46.4380



153.6390, -2.7800, -41.7794



168.6100, 18.4333, 14.3740

Square

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



153.6390, -2.7800, -41.7794



156.9120, 30.1164, -46.4038



168.8380, 5.9959, 36.9761



164.6020, -26.4258, 29.2900

Rectangle

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



153.6390, -2.7800, -41.7794



147.9340, 23.2035, -69.2251



168.8380, 5.9959, 36.9761



166.5730, -15.5655, 45.9785

Sweetspot

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



153.6390, -2.7800, -41.7794



222.2600, -1.1142, -16.0140



158.4190, -25.8426, -17.9075



111.4180, -0.6991, -9.1366



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



153.6390, -2.7800, -41.7794



192.4420, -4.1619, -65.2856



154.2380, 12.2077, -42.3047



85.8530, -0.4205, -5.1331



99.8430, -5.8386, -87.5623



16.9720, -0.9722, -14.8844

Inverse Universe

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



131.3610, 2.7800, 41.7794



157.6720, 4.5987, 65.1857



130.7620, -12.2077, 42.3047



83.1470, 0.4205, 5.1331



53.1570, 5.8386, 87.5623



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 153.6390, -2.7800, -41.7794 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 153.6390, -2.7800, -41.7794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

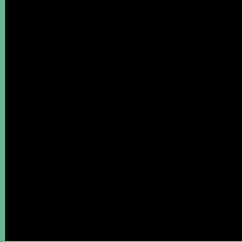
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.6390, -2.7800, -41.7794

Background



This preview shows how black text looks on a background with the YUV color 153.6390, -2.7800, -41.7794.



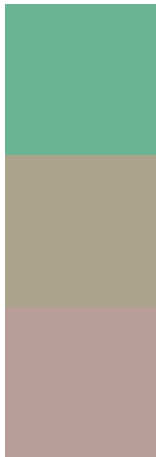
This preview shows how white text looks on a background with the YUV color 153.6390, -2.7800, -41.7794.

-41.7794.

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

153.6390, -2.7800, -41.7794

Protanopia

163.0690, -11.3730, 7.8325

Deuteranopia

165.0900, -6.4534, 16.5841



Tritanopia

158.1400, 14.2280, -36.9568

Trichromacy



Original Color

153.6390, -2.7800, -41.7794

Protanomaly

159.7570, -8.2612, -10.3109

Deuteranomaly

161.3000, -5.0779, -4.6481

Tritanomaly

156.5220, 8.1237, -39.0458

Monochromacy



Original Color

153.6390, -2.7800, -41.7794

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9720, -0.9722, -14.8844

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.6390, -2.7800, -41.7794 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(106, 179, 148)` looks like.

```
.text, #text, p{  
    color:rgb(106, 179, 148)  
}
```

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(106, 179, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 179, 148) }
```

Border

The CSS property to change the border of an element to YUV 153.6390, -2.7800, -41.7794 is called "border". The border property can be set on classes, ids or directly on the HTML element.

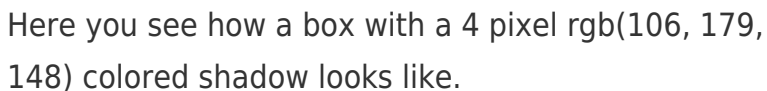
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 179, 148) }
```


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

```
.border{ border-color:rgb(106, 179, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 179, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 179, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 179, 148); box-shadow:4px 4px 4px 4px rgb(106, 179, 148) }
```

Background

The CSS property to change the background color of an element to YUV 153.6390, -2.7800, -41.7794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 179, 148) }
```

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

```
.background{ background-color: rgb(106,  
179, 148) }
```

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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