

Converting Colors

YUV(168.6390, -2.7800,
-41.7794)

Have a look what the booklet for
YUV(168.6390, -2.7800, -41.7794)
contains.

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Color

**YUV(168.6390, -2.7800,
-41.7794)**

Conversions

Conversions Part 1

Format	Color
Hex	79C2A3
RGB	121, 194, 163
RGB Percent	47%, 76%, 64%
CMY	0.5255, 0.2392, 0.3608
CMYK	0.38, 0.00, 0.16, 0.24
HSL	155°, 37%, 62%
HSV	155°, 38%, 76%
XYZ	33.7878, 45.2929, 41.6119
YIQ	168.6390, -33.5570, -25.1170

Conversions

Conversions Part 2

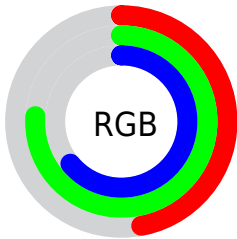
Format	Color
RYB	121, 167, 194
Decimal	7979683
CIELab	73.08, -29.79, 8.46
CIElCh	73, 30.965, 164.154
Yxy	45.2929, 0.2799, 0.3753
Android (android.graphics.Color)	4286169763 (0xFF79C2A3)
YUV	168.6390, -2.7800, -41.7794
Hunter-Lab	67.3000, -28.1594, 10.4507

Details

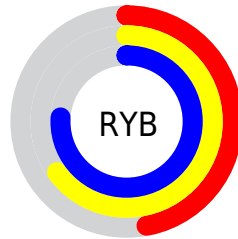
The YUV color **168.6390, -2.7800, -41.7794** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **146.3610, 2.7800, 41.7794**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.8130, -3.3588, -42.8090**, and **115.1660, -2.0538, -41.3646** is the 20% darker color. If you saturate the color by 10%, you get **162.0460, -3.4737, -52.6603**, and if you desaturate by 10%, it is **175.2320, -2.0864, -30.8985**.

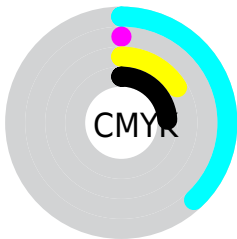
Distribution



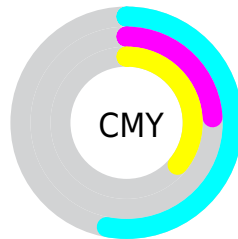
- Red (47%)
- Green (76%)
- Blue (64%)



- Red (47%)
- Yellow (65%)
- Blue (76%)



- Cyan (38%)
- Magenta (0%)
- Yellow (16%)
- Black (24%)



- Cyan (53%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.6390, -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 168.6390, -2.7800, -41.7794 by changing the saturation by 10% instead.


 168.6390, -2.7800,
-41.7794

 168.6390, -2.7800,
-41.7794


255.0000, 0.0000,
0.0000


 141.7530, -2.3432,
-41.8794

 224.8130, -3.3588,
-42.8090


 115.1660, -2.0538,
-41.3646


 238.7250, 3.5866,
-30.4538

 89.0950, -1.0328,
-42.1793

 248.4220, 3.2430,
-13.5251

 61.0340, 1.4622,
-49.1418

 42.9430, -0.4649,
-37.6610

 27.6350, -3.2711,
-24.2359

 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 168.6390, -2.7800,
-41.7794

■ 168.6390, -2.7800,
-41.7794

■ 162.0460, -3.4737,
-52.6603

■ 175.2320, -2.0864,
-30.8985

■ 155.1540, -4.0199,
-64.1561

■ 182.1240, -1.5401,
-19.4027

■ 148.4470, -5.1504,
-74.9370

■ 188.8310, -0.4097,
-8.6218

■ 141.5550, -5.6966,
-86.4327

■ 195.7230, 0.1366,
2.8739

■ 134.9620, -6.3903,
-97.3137

■ 202.3160, 0.8302,
13.7549

■ 128.3690, -7.0839,
-108.1946

■ 208.9090, 1.5239,
24.6358

■ 126.6460, -7.2205,
-111.0685

■ 215.3170, 2.8017,
34.8020

■ 216.2290, 6.2961,
34.0022

■ 217.1410, 9.7905,
33.2023

Harmonies

Analogous

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



172.7210, -17.1175, -16.4183



168.6390, -2.7800, -41.7794



164.4590, 13.5777, -61.7925

Triad

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



168.6390, -2.7800, -41.7794



179.0130, 27.1086, -14.9204



181.4110, -19.9226, 43.4896

Complementary

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



168.6390, -2.7800, -41.7794



146.3610, 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.



182.9350, -7.8560, 46.5380



168.6390, -2.7800, -41.7794



182.9090, 18.2859, 14.9888

Square

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



168.6390, -2.7800, -41.7794



172.5100, 29.8216, -45.1743



183.8380, 5.9959, 36.9761



178.9010, -26.5732, 29.9048

Rectangle

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



168.6390, -2.7800, -41.7794



164.1300, 22.6139, -66.7660



183.8380, 5.9959, 36.9761



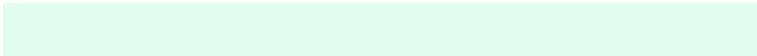
181.4590, -16.0023, 46.0785

Sweetspot

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



168.6390, -2.7800, -41.7794



242.6730, -0.8248, -15.4992



173.4190, -25.8426, -17.9075



122.0050, -0.9885, -9.6514



0.0000, 0.0000, 0.0000



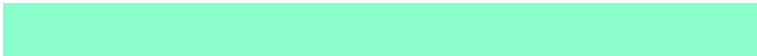
128.0000, 0.0000, 0.0000

Same Dimension

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



168.6390, -2.7800, -41.7794



212.7410, -4.3093, -64.6709



169.2380, 12.2077, -42.3047



93.5540, -0.2731, -5.7479



104.9950, -6.4065, -92.0806



21.5370, -1.2507, -18.8879

Inverse Universe

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



146.3610, 2.7800, 41.7794



178.2590, 4.3093, 64.6709



145.7620, -12.2077, 42.3047



90.4460, 0.2731, 5.7479



55.8910, 5.9697, 92.1806



11.4630, 1.2507, 18.8879

Previews

White Background



This preview shows how the YUV color 168.6390, -2.7800, -41.7794 looks on a white background.

Color Contrast Check

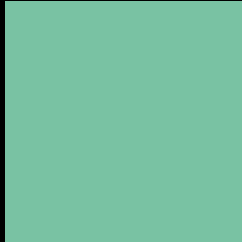
Large Text (above 18pt) WCAG AA × Fail

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 168.6390, -2.7800, -41.7794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

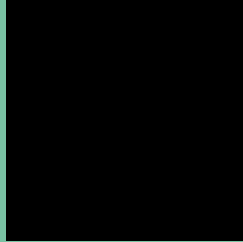
Any Text WCAG AA ✓ Pass

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 168.6390, -2.7800, -41.7794 Background



This preview shows how black text looks on a background with the YUV color 168.6390, -2.7800, -41.7794.



This preview shows how white text looks on a background with the YUV color 168.6390, -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

168.6390, -2.7800, -41.7794

Protanopia

178.0690, -11.3730, 7.8325

Deuteranopia

179.9160, -5.8746, 17.6137



Tritanopia

172.3680, 15.1016, -37.1567

Trichromacy



Original Color

168.6390, -2.7800, -41.7794

Protanomaly

174.7570, -8.2612, -10.3109

Deuteranomaly

175.7130, -4.7885, -4.1333

Tritanomaly

170.9350, 8.4130, -38.5310

Monochromacy



Original Color

168.6390, -2.7800, -41.7794

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.9720, -0.9722, -14.8844

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.6390, -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(121, 194, 163)` looks like.

```
.text, #text, p{  
    color:rgb(121, 194, 163)  
}
```

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(121, 194, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 194, 163) }
```

Border

The CSS property to change the border of an element to YUV 168.6390, -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(121, 194, 163) }
```


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

```
.border{ border-color:rgb(121, 194, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 194, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 194, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 194, 163);  
box-shadow:4px 4px 4px 4px rgb(121, 194,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 168.6390, -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(121, 194, 163) }
```

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

```
.background{ background-color: rgb(121,  
194, 163) }
```

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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