

Converting Colors

YUV(168.4910, 1.7299,
-41.6496)

Have a look what the booklet for
YUV(168.4910, 1.7299, -41.6496)
contains.

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Color

**YUV(168.4910, 1.7299,
-41.6496)**

Conversions

Conversions Part 1

Format	Color
Hex	79C0AC
RGB	121, 192, 172
RGB Percent	47%, 75%, 67%
CMY	0.5255, 0.2471, 0.3255
CMYK	0.37, 0.00, 0.10, 0.25
HSL	163°, 36%, 61%
HSV	163°, 37%, 75%
XYZ	34.1812, 44.7428, 45.8644
YIQ	168.4910, -35.8960, -21.2720

Conversions

Conversions Part 2

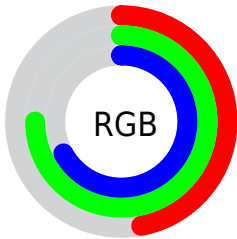
Format	Color
RYB	121, 162, 192
Decimal	7979180
CIELab	72.72, -26.86, 3.05
CIElCh	73, 27.030, 173.529
Yxy	44.7428, 0.2739, 0.3585
Android (android.graphics.Color)	4286169260 (0xFF79C0AC)
YUV	168.4910, 1.7299, -41.6496
Hunter-Lab	66.8900, -25.8431, 6.1697

Details

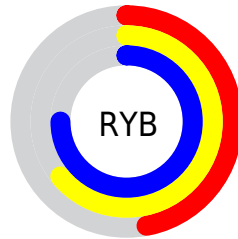
The YUV color **168.4910, 1.7299, -41.6496** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **144.5090, -1.7299, 41.6496**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.6650, 1.1512, -42.6792**, and **115.0180, 2.4561, -41.2348** is the 20% darker color. If you saturate the color by 10%, you get **162.2400, 2.3467, -52.8305**, and if you desaturate by 10%, it is **174.7420, 1.1132, -30.4687**.

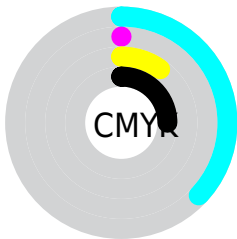
Distribution



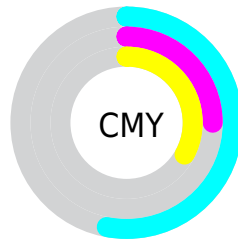
- Red (47%)
- Green (75%)
- Blue (67%)



- Red (47%)
- Yellow (64%)
- Blue (75%)



- Cyan (37%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)



- Cyan (53%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.4910, 1.7299, -41.6496 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 168.4910, 1.7299, -41.6496 by changing the saturation by 10% instead.

■ 168.4910, 1.7299,
-41.6496

■ 168.4910, 1.7299,
-41.6496

255.0000, 0.0000,
0.0000

■ 141.4910, 1.7299,
-41.6496

■ 224.6650, 1.1512,
-42.6792

■ 115.0180, 2.4561,
-41.2348

■ 239.7510, 7.5178,
-31.3536

■ 88.8330, 3.0403,
-41.9495

■ 248.4220, 3.2430,
-13.5251

■ 61.2450, 4.8092,
-49.3269

■ 43.1540, 2.8821,
-37.8461

■ 27.2590, 0.3653,
-23.9061

■ 10.2070, -4.0461,

-8.9515

■ 0.0000, 0.0000,
0.0000

■ 168.4910, 1.7299,
-41.6496

■ 168.4910, 1.7299,
-41.6496

■ 162.2400, 2.3467,
-52.8305

■ 174.7420, 1.1132,
-30.4687

■ 155.8750, 2.5266,
-63.9114

■ 181.1070, 0.9332,
-19.3878

■ 149.3250, 3.2908,
-75.7070

■ 187.6570, 0.1691,
-7.5922

■ 142.9600, 3.4707,
-86.7879

■ 194.0220, -0.0108,
3.4887

■ 136.7090, 4.0875,
-97.9688

■ 200.2730, -0.6276,
14.6696

■ 130.4580, 4.7042,
-109.1497

■ 206.5240, -1.2443,
25.8505

■ 128.4360, 4.7151,
-112.6384

■ 212.8890, -1.4243,
36.9313

■ 213.4590, 0.7597,
36.4315

■ 214.1430, 3.3805,
35.8316

Harmonies

Analogous

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



172.0670, -11.8650, -21.1068



168.4910, 1.7299, -41.6496



166.5570, 15.0084, -53.9855

Triad

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



168.4910, 1.7299, -41.6496



179.9990, 21.6925, -4.3841



179.7690, -19.6061, 35.2826

Complementary

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



168.4910, 1.7299, -41.6496



144.5090, -1.7299, 41.6496

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.



181.2180, -10.4605, 41.9048



168.4910, 1.7299, -41.6496



182.4490, 12.5966, 19.7772

Square

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



168.4910, 1.7299, -41.6496



174.5720, 25.8470, -30.3196



182.5730, 1.1965, 36.3315



177.9430, -23.6359, 21.0980

Rectangle

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



168.4910, 1.7299, -41.6496



167.6910, 21.8443, -53.2260



182.5730, 1.1965, 36.3315



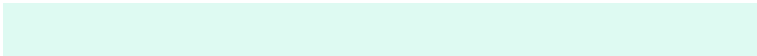
180.3610, -17.4330, 38.2714

Sweetspot

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



168.4910, 1.7299, -41.6496



240.7160, 0.6330, -16.4139



168.6570, -23.4949, -24.2552



119.6460, 0.1745, -9.3365



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



168.4910, 1.7299, -41.6496



213.5760, 2.6740, -64.5262



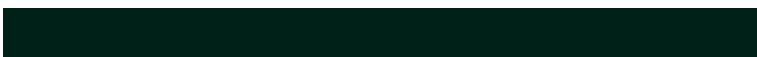
161.9660, 14.8068, -35.9272



93.6680, 0.1637, -5.8478



107.6170, 3.6398, -94.3801



22.1070, 0.9332, -19.3878

Inverse Universe

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



144.5090, -1.7299, 41.6496



176.4240, -2.6740, 64.5262



151.0340, -14.8068, 35.9272



90.3320, -0.1637, 5.8478



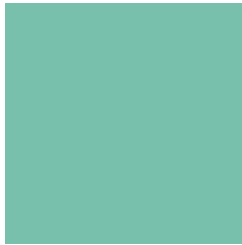
53.2690, -4.0766, 94.4801



10.8930, -0.9332, 19.3878

Previews

White Background



This preview shows how the YUV color 168.4910, 1.7299, -41.6496 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 168.4910, 1.7299, -41.6496 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 168.4910, 1.7299, -41.6496

Background



This preview shows how black text looks on a background with the YUV color 168.4910, 1.7299, -41.6496.



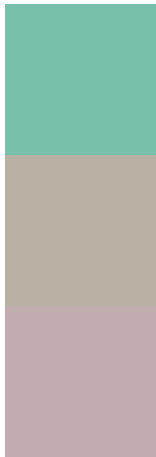
This preview shows how white text looks on a background with the YUV color 168.4910, 1.7299, -41.6496.

-41.6496.

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

168.4910, 1.7299, -41.6496

Protanopia

177.6110, -6.7102, 5.6032

Deuteranopia

179.3330, -1.6432, 13.7400



Tritanopia

171.7700, 15.3964, -38.3863

Trichromacy



Original Color

168.4910, 1.7299, -41.6496

Protanomaly

174.0110, -3.4564, -11.4106

Deuteranomaly

175.2550, -0.1257, -6.3626

Tritanomaly

170.2060, 10.7444, -39.6457

Monochromacy



Original Color

168.4910, 1.7299, -41.6496

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.3140, 0.3382, -15.1844

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.4910, 1.7299, -41.6496 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, 192, 172)` looks like.

```
.text, #text, p{  
    color:rgb(121, 192, 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(121, 192, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 192, 172) }
```

Border

The CSS property to change the border of an element to YUV 168.4910, 1.7299, -41.6496 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, 192, 172) }
```


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

```
.border{ border-color:rgb(121, 192, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 192, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 192, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 192, 172);  
box-shadow:4px 4px 4px 4px rgb(121, 192,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 168.4910, 1.7299, -41.6496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 192, 172) }
```

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

```
.background{ background-color: rgb(121,  
192, 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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