

Converting Colors

YUV(148.0210, 0.9756,
-79.8254)

Have a look what the booklet for
YUV(148.0210, 0.9756, -79.8254)
contains.

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Color

**YUV(148.0210, 0.9756,
-79.8254)**

Conversions

Conversions Part 1

Format	Color
Hex	39C296
RGB	57, 194, 150
RGB Percent	22%, 76%, 59%
CMY	0.7765, 0.2392, 0.4118
CMYK	0.71, 0.00, 0.23, 0.24
HSL	161°, 55%, 49%
HSV	161°, 71%, 76%
XYZ	26.4842, 41.6554, 35.4986
YIQ	148.0210, -67.5280, -42.7280

Conversions

Conversions Part 2

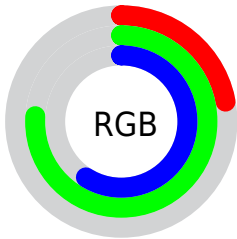
Format	Color
RYB	57, 139, 194
Decimal	3785366
CIELab	70.63, -46.84, 11.72
CIELCh	71, 48.283, 165.957
Yxy	41.6554, 0.2555, 0.4019
Android (android.graphics.Color)	4281975446 (0xFF39C296)
YUV	148.0210, 0.9756, -79.8254
Hunter-Lab	64.5410, -39.7000, 12.5683

Details

The YUV color **148.0210, 0.9756, -79.8254** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **102.9790, -0.9756, 79.8254**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.0710, -1.5140, -74.6073**, and **92.8790, 3.0177, -81.4549** is the 20% darker color. If you saturate the color by 10%, you get **141.6560, 1.1556, -90.9063**, and if you desaturate by 10%, it is **154.3860, 0.7957, -68.7445**.

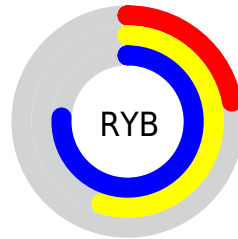
Distribution



Red (22%)

Green (76%)

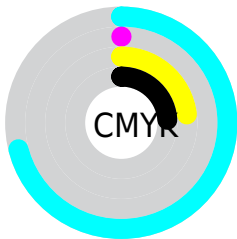
Blue (59%)



Red (22%)

Yellow (55%)

Blue (76%)

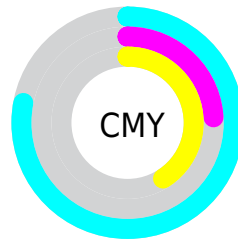


Cyan (71%)

Magenta (0%)

Yellow (23%)

Black (24%)



Cyan (78%)

Magenta (24%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.0210, 0.9756, -79.8254 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 148.0210, 0.9756, -79.8254 by changing the saturation by 10% instead.

■ 148.0210, 0.9756,
-79.8254

■ 148.0210, 0.9756,
-79.8254

■ 255.0000, 0.0000,
0.0000

■ 111.5780, 6.1240,
-97.8539

■ 207.0710, -1.5140,
-74.6073

■ 92.8790, 3.0177,
-81.4549

■ 221.2820, 5.2840,
-61.6373

■ 74.8810, 0.0587,
-65.6706

■ 232.8740, 10.9081,
-45.4935

■ 57.5840, -2.7529,
-50.5012

■ 241.8440, 6.4859,
-27.0502

■ 40.5150, -4.6909,
-35.5317

■ 250.8140, 2.0637,
-8.6069

■ 25.5660, -8.6600,
-22.4214

■ 2.3480, -1.1576,

-2.0592

■ 0.0000, 0.0000,
0.0000

■ 148.0210, 0.9756,
-79.8254

■ 148.0210, 0.9756,
-79.8254

■ 141.6560, 1.1556,
-90.9063

■ 154.3860, 0.7957,
-68.7445

■ 134.9920, 1.4829,
-102.6020

■ 161.0500, 0.4684,
-57.0488

■ 128.9260, 1.5155,
-113.0681

■ 167.5290, 0.7252,
-46.0679

■ 174.1930, 0.3979,
-34.3723

■ 180.5580, 0.2179,
-23.2914

■ 186.9230, 0.0380,
-12.2105

■ 193.7010, 0.1474,
-0.6148

■ 200.0660, -0.0325,
10.4661

■ 206.7300, -0.3599,
22.1618

Harmonies

Analogous

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



160.8690, -25.0784, -29.7031



148.0210, 0.9756, -79.8254



136.6950, 28.7444, -119.8815

Triad

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



148.0210, 0.9756, -79.8254



171.0300, 41.3972, -24.5823



172.4970, -30.3180, 64.4621

Complementary

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



148.0210, 0.9756, -79.8254



102.9790, -0.9756, 79.8254

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.



173.8780, -11.2789, 71.1440



148.0210, 0.9756, -79.8254



177.4940, 27.8575, 24.9998

Square

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



148.0210, 0.9756, -79.8254



145.4610, 54.0027, -101.2593



176.7790, 8.9830, 58.9528



170.4820, -41.1566, 40.7963

Rectangle

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



148.0210, 0.9756, -79.8254



139.3000, 41.2641, -122.1661



176.7790, 8.9830, 58.9528



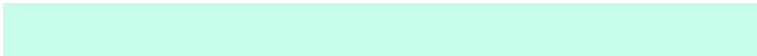
173.0120, -24.6559, 68.3955

Sweetspot

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



148.0210, 0.9756, -79.8254



234.2150, 0.3870, -30.8836



151.1730, -46.4273, -42.2477



117.1780, -0.0878, -18.5731



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.



148.0210, 0.9756, -79.8254



180.2620, 1.8428, -124.7638



139.5360, 26.8508, -72.3841



93.6680, 0.1637, -5.8478



106.9330, 1.0190, -93.7802



21.9930, 0.4965, -19.2879

Inverse Universe

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



102.9790, -0.9756, 79.8254



109.8520, -1.4060, 124.6638



111.4640, -26.8508, 72.3841



90.3320, -0.1637, 5.8478



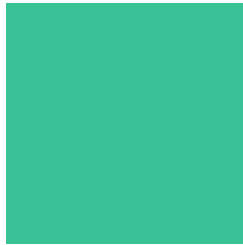
54.0670, -1.0190, 93.7802



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 148.0210, 0.9756, -79.8254 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 148.0210, 0.9756, -79.8254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

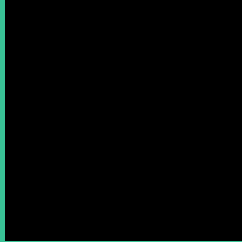
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.0210, 0.9756, -79.8254

Background



This preview shows how black text looks on a background with the YUV color 148.0210, 0.9756, -79.8254.



This preview shows how white text looks on a background with the YUV color 148.0210, 0.9756, -79.8254.

-79.8254.

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

148.0210, 0.9756, -79.8254

Protanopia

170.6410, -15.5990, 9.9618

Deuteranopia

172.6450, -8.2060, 18.7283



Tritanopia

157.0160, 22.1771, -66.6660

Trichromacy



Original Color

148.0210, 0.9756, -79.8254



Protanomaly

162.3380, -9.5336, -22.2214



Deuteranomaly

163.9240, -4.8925, -17.4733



Tritanomaly

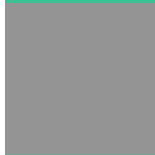
153.9200, 14.3364, -71.8438

Monochromacy



Original Color

148.0210, 0.9756, -79.8254



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

148.2260, 0.3816, -29.1392

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.0210, 0.9756, -79.8254 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(57, 194, 150)` looks like.

```
.text, #text, p{  
    color:rgb(57, 194, 150)  
}
```

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(57, 194, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 194, 150) }
```

Border

The CSS property to change the border of an element to YUV 148.0210, 0.9756, -79.8254 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(57, 194, 150) }
```


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

```
.border{ border-color:rgb(57, 194, 150) }
```

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

Here you see how a box with a 4 pixel rgb(57, 194, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 194, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 194, 150);  
box-shadow:4px 4px 4px 4px rgb(57, 194,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 148.0210, 0.9756, -79.8254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 194, 150) }
```

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

```
.background{ background-color: rgb(57, 194,  
150) }
```

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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