

Converting Colors

YUV(138.7760, 2.5754,
-79.6106)

Have a look what the booklet for
YUV(138.7760, 2.5754, -79.6106)
contains.

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Color

**YUV(138.7760, 2.5754,
-79.6106)**

Conversions

Conversions Part 1

Format	Color
Hex	30B890
RGB	48, 184, 144
RGB Percent	19%, 72%, 56%
CMY	0.8118, 0.2784, 0.4353
CMYK	0.74, 0.00, 0.22, 0.28
HSL	162°, 59%, 45%
HSV	162°, 74%, 72%
XYZ	23.3935, 36.9230, 32.2794
YIQ	138.7760, -68.2160, -41.2720

Conversions

Conversions Part 2

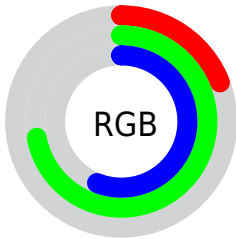
Format	Color
RYB	48, 128, 184
Decimal	3192976
CIELab	67.22, -45.36, 10.12
CIElCh	67, 46.475, 167.419
Yxy	36.9230, 0.2526, 0.3988
Android (android.graphics.Color)	4281383056 (0xFF30B890)
YUV	138.7760, 2.5754, -79.6106
Hunter-Lab	60.7643, -37.6173, 11.0387

Details

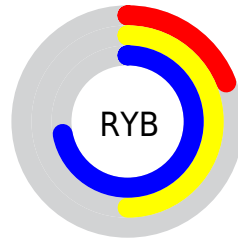
The YUV color **138.7760, 2.5754, -79.6106** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **93.2240, -2.5754, 79.6106**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.1250, -0.0616, -73.7776**, and **87.0260, 3.4382, -76.3218** is the 20% darker color. If you saturate the color by 10%, you get **132.8240, 3.0448, -90.1766**, and if you desaturate by 10%, it is **144.7280, 2.1061, -69.0445**.

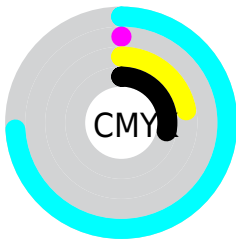
Distribution



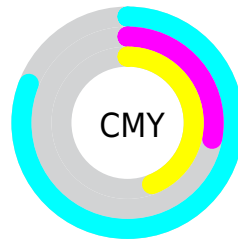
- Red (19%)
- Green (72%)
- Blue (56%)



- Red (19%)
- Yellow (50%)
- Blue (72%)



- Cyan (74%)
- Magenta (0%)
- Yellow (22%)
- Black (28%)



- Cyan (81%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.7760, 2.5754, -79.6106 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 138.7760, 2.5754, -79.6106 by changing the saturation by 10% instead.

 138.7760, 2.5754,
-79.6106

 138.7760, 2.5754,
-79.6106


255.0000, 0.0000,
0.0000

 105.6110, 6.1078,
-92.6208


 198.1250, -0.0616,
-73.7776


 87.0260, 3.4382,
-76.3218


 218.5050, 3.6950,
-65.3409

 69.0280, 0.4792,
-60.5376


 230.3680, 11.6506,
-50.3117

 51.8450, -1.8956,
-45.4681

 239.4520, 7.6652,
-31.9684

 35.3630, -4.1230,
-31.0134

 248.4220, 3.2430,
-13.5251

 19.3710, -9.5499,
-16.9884

 0.0000, 0.0000,

0.0000

■ 138.7760, 2.5754,
-79.6106

■ 138.7760, 2.5754,
-79.6106

■ 132.8240, 3.0448,
-90.1766

■ 144.7280, 2.1061,
-69.0445

■ 126.4590, 3.2247,
-101.2575

■ 151.0930, 1.9262,
-57.9636

■ 122.8280, 3.5358,
-107.7202

■ 157.0450, 1.4568,
-47.3975

■ 163.4100, 1.2769,
-36.3166

■ 169.3620, 0.8075,
-25.7505

■ 175.3140, 0.3382,
-15.1844

■ 181.6790, 0.1583,
-4.1035

■ 187.6310, -0.3111,
6.4626

■ 193.9960, -0.4910,
17.5435

Harmonies

Analogous

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



152.0260, -23.1838, -30.7178



138.7760, 2.5754, -79.6106



129.9130, 28.1439, -113.9337

Triad

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



138.7760, 2.5754, -79.6106



162.5960, 39.6392, -20.6937



163.4040, -29.2862, 60.1587

Complementary

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



138.7760, 2.5754, -79.6106



93.2240, -2.5754, 79.6106

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.



165.0410, -11.8522, 68.3700



138.7760, 2.5754, -79.6106



168.3370, 25.9629, 26.0145

Square

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



138.7760, 2.5754, -79.6106



140.8430, 51.3494, -90.1933



167.4260, 7.6780, 57.5084



161.2150, -39.5460, 37.5224

Rectangle

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



138.7760, 2.5754, -79.6106



131.7030, 40.0794, -115.5035



167.4260, 7.6780, 57.5084



164.1040, -24.2083, 64.8068

Sweetspot

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



138.7760, 2.5754, -79.6106



222.3290, 0.8238, -30.9835



140.0910, -45.4009, -44.8068



109.7050, 0.6384, -18.1583



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



138.7760, 2.5754, -79.6106



168.8320, 4.0268, -125.2637



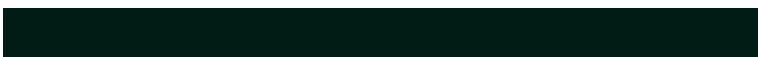
127.4870, 27.8609, -69.7101



88.9670, 0.0163, -5.2331



104.1120, 2.9028, -91.3062



18.7160, 0.6330, -16.4139

Inverse Universe

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



93.2240, -2.5754, 79.6106



97.1680, -4.0268, 125.2637



104.5130, -27.8609, 69.7101



85.9190, -0.4531, 5.3330



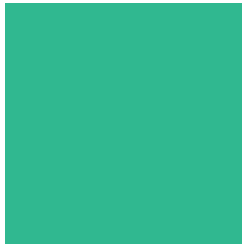
51.8880, -2.9028, 91.3062



9.2840, -0.6330, 16.4139

Previews

White Background



This preview shows how the YUV color 138.7760, 2.5754, -79.6106 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 138.7760, 2.5754, -79.6106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

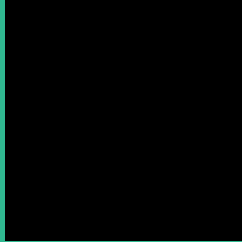
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 138.7760, 2.5754, -79.6106

Background



This preview shows how black text looks on a background with the YUV color 138.7760, 2.5754, -79.6106.



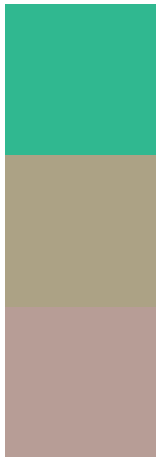
This preview shows how white text looks on a background with the YUV color 138.7760, 2.5754,

-79.6106.

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

138.7760, 2.5754, -79.6106

Protanopia

161.6840, -14.1412, 9.0471

Deuteranopia

163.9760, -6.8902, 16.6840



Tritanopia

147.9020, 21.7403, -66.5661

Trichromacy



Original Color

138.7760, 2.5754, -79.6106



Protanomaly

153.3810, -8.0758, -23.1361



Deuteranomaly

154.9670, -3.4347, -18.3881



Tritanomaly

144.4470, 15.0626, -71.4290

Monochromacy



Original Color

138.7760, 2.5754, -79.6106



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

138.7530, 1.1078, -28.7244

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.7760, 2.5754, -79.6106 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(48, 184, 144)` looks like.

```
.text, #text, p{  
    color:rgb(48, 184, 144)  
}
```

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(48, 184, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 184, 144) }
```

Border

The CSS property to change the border of an element to YUV 138.7760, 2.5754, -79.6106 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(48, 184, 144) }
```


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

```
.border{ border-color:rgb(48, 184, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 184, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 184, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 184, 144);  
box-shadow:4px 4px 4px 4px rgb(48, 184,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 138.7760, 2.5754, -79.6106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 184, 144) }
```

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

```
.background{ background-color: rgb(48, 184,  
144) }
```

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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