

Converting Colors

YUV(140.7770, -22.5681,
-88.3814)

Have a look what the booklet for
YUV(140.7770, -22.5681, -88.3814)
contains.

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Color

**YUV(140.7770, -22.5681,
-88.3814)**

Conversions

Conversions Part 1

Format	Color
Hex	28C95F
RGB	40, 201, 95
RGB Percent	16%, 79%, 37%
CMY	0.8431, 0.2118, 0.6275
CMYK	0.80, 0.00, 0.53, 0.21
HSL	140°, 67%, 47%
HSV	140°, 80%, 79%
XYZ	23.8273, 43.0506, 17.8802
YIQ	140.7770, -61.9300, -67.0980

Conversions

Conversions Part 2

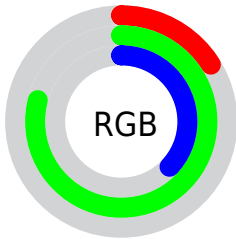
Format	Color
RYB	40, 160, 201
Decimal	2672991
CIELab	71.59, -62.27, 41.49
CIELCh	72, 74.829, 146.322
Yxy	43.0506, 0.2811, 0.5079
Android (android.graphics.Color)	4280863071 (0xFF28C95F)
YUV	140.7770, -22.5681, -88.3814
Hunter-Lab	65.6130, -50.0006, 29.7719

Details

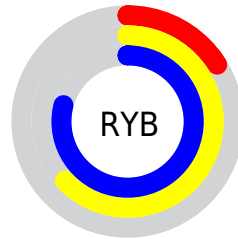
The YUV color **140.7770, -22.5681, -88.3814** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **100.2230, 22.5681, 88.3814**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.3440, -25.8056, -76.6007**, and **90.1310, -22.7426, -79.0449** is the 20% darker color. If you saturate the color by 10%, you get **133.3150, -25.2983, -99.3773**, and if you desaturate by 10%, it is **148.2390, -19.8378, -77.3856**.

Distribution



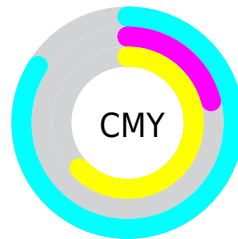
- Red (16%)
- Green (79%)
- Blue (37%)



- Red (16%)
- Yellow (63%)
- Blue (79%)



- Cyan (80%)
- Magenta (0%)
- Yellow (53%)
- Black (21%)



- Cyan (84%)
- Magenta (21%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.7770, -22.5681, -88.3814 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 140.7770, -22.5681, -88.3814 by changing the saturation by 10% instead.

■ 140.7770,
-22.5681, -88.3814

■ 140.7770,
-22.5681, -88.3814

■ 255.0000, 0.0000,
0.0000

■ 109.5310,
-19.4888, -96.0587

■ 200.3440,
-25.8056, -76.6007

■ 90.1310, -22.7426,
-79.0449

■ 212.6910,
-18.5817, -60.2420

■ 71.7910, -27.0120,
-62.9607

■ 225.1520,
-10.9209, -43.9833

■ 54.5910, -26.9134,
-47.8763

■ 237.3140, -3.1128,
-28.3394

■ 39.3290, -19.3892,
-34.4915

■ 249.3190, 2.8007,
-11.6808

■ 25.8280, -12.7332,
-22.6512

■ 6.4570, -3.1833,

-5.6628

■ 0.0000, 0.0000,
0.0000

■ 140.7770,
-22.5681, -88.3814

■ 140.7770,
-22.5681, -88.3814

■ 133.3150,
-25.2983, -99.3773

■ 148.2390,
-19.8378, -77.3856

■ 125.8530,
-28.0285, -110.3731

■ 155.7010,
-17.1076, -66.3898


■ 163.2770,
-13.9406, -55.4939

■ 170.7390,
-11.2103, -44.4981

■ 178.5000, -8.6275,
-32.8875

 185.9620, -5.8973,
-21.8917

 193.5380, -2.7302,
-10.9958

 201.0000, 0.0000,
0.0000

 208.4620, 2.7302,
10.9958

Harmonies

Analogous

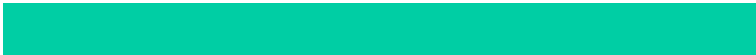
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



159.4410, -62.8284, -8.2798



140.7770, -22.5681, -88.3814



139.6180, 12.0203, -122.4450

Triad

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



140.7770, -22.5681, -88.3814



138.2520, 57.5568, -121.2470



156.7290, -18.6004, 86.1837

Complementary

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



140.7770, -22.5681, -88.3814



100.2230, 22.5681, 88.3814

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.



160.3720, 13.1276, 82.9888



140.7770, -22.5681, -88.3814



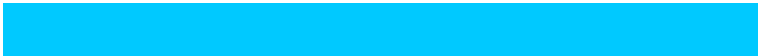
170.8190, 41.5012, -11.2423

Square

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



140.7770, -22.5681, -88.3814



147.0570, 53.2159, -128.9690



178.9020, 36.0373, 61.4759



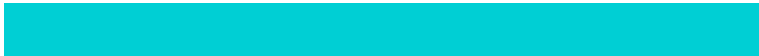
166.3250, -52.9112, 77.7680

Rectangle

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



140.7770, -22.5681, -88.3814



145.6770, 32.6972, -127.7587



178.9020, 36.0373, 61.4759



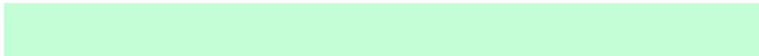
156.3020, -7.5439, 86.5581

Sweetspot

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



140.7770, -22.5681, -88.3814



232.2010, -8.4801, -33.5023



166.5000, -62.3645, -17.1015



114.0870, -5.4659, -20.2473



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.



140.7770, -22.5681, -88.3814



163.3910, -34.2098, -134.5239



149.7830, 11.9390, -96.2797



95.6250, -1.2941, -4.9331



102.0650, -22.7100, -89.5110



22.5000, -5.1765, -19.7325

Inverse Universe

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



100.2230, 22.5681, 88.3814



101.6090, 34.2098, 134.5239



91.2170, -11.9390, 96.2797



93.3750, 1.2941, 4.9331



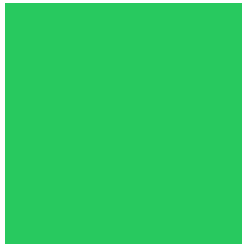
60.9350, 22.7100, 89.5110



13.5000, 5.1765, 19.7325

Previews

White Background



This preview shows how the YUV color 140.7770, -22.5681, -88.3814 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 140.7770, -22.5681, -88.3814 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 140.7770, -22.5681, -88.3814 Background



This preview shows how black text looks on a background with the YUV color 140.7770, -22.5681, -88.3814.



This preview shows how white text looks on a background with the YUV color 140.7770, -22.5681, -88.3814.

-88.3814.

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

140.7770, -22.5681, -88.3814

Protanopia

169.3500, -41.0915, 19.8641

Deuteranopia

172.3870, -33.7148, 33.8636



Tritanopia

160.0270, 22.1717, -64.9217

Trichromacy



Original Color

140.7770, -22.5681, -88.3814



Protanomaly

159.1170, -34.5677, -19.3966



Deuteranomaly

161.1380, -29.6480, -10.6450



Tritanomaly

152.7320, 6.0481, -73.4330

Monochromacy



Original Color

140.7770, -22.5681, -88.3814



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

140.9130, -8.3381, -32.3727

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.7770, -22.5681, -88.3814 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(40, 201, 95)` looks like.

```
.text, #text, p{  
    color:rgb(40, 201, 95)  
}
```

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(40, 201, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 201, 95) }
```

Border

The CSS property to change the border of an element to YUV 140.7770, -22.5681, -88.3814 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(40, 201, 95) }
```


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

```
.border{ border-color:rgb(40, 201, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 201, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 201, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 201, 95);  
box-shadow:4px 4px 4px 4px rgb(40, 201,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 140.7770, -22.5681, -88.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 201, 95) }
```

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

```
.background{ background-color: rgb(40, 201,  
95) }
```

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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