

Converting Colors

YUV(168.4700, -0.2317,
-112.6682)

Have a look what the booklet for
YUV(168.4700, -0.2317, -112.6682)
contains.

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Color

**YUV(168.4700, -0.2317,
-112.6682)**

Conversions

Conversions Part 1

Format	Color
Hex	28EAA8
RGB	40, 234, 168
RGB Percent	16%, 92%, 66%
CMY	0.8431, 0.0824, 0.3412
CMYK	0.83, 0.00, 0.28, 0.08
HSL	160°, 82%, 54%
HSV	160°, 83%, 92%
XYZ	37.3658, 62.1239, 47.0675
YIQ	168.4700, -94.4380, -61.6540

Conversions

Conversions Part 2

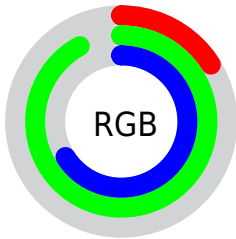
Format	Color
RYB	40, 157, 234
Decimal	2681512
CIELab	82.98, -60.35, 19.43
CIELCh	83, 63.404, 162.154
Yxy	62.1239, 0.2550, 0.4239
Android (android.graphics.Color)	4280871592 (0xFF28EAA8)
YUV	168.4700, -0.2317, -112.6682
Hunter-Lab	78.8187, -53.3109, 19.7674

Details

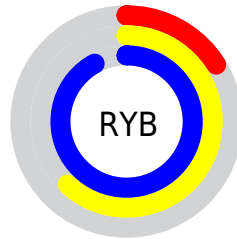
The YUV color **168.4700, -0.2317, -112.6682** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **105.5300, 0.2317, 112.6682**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.2860, 5.7750, -79.1808**, and **117.1230, -0.5536, -102.7169** is the 20% darker color. If you saturate the color by 10%, you get **160.6810, -0.3357, -126.0082**, and if you desaturate by 10%, it is **176.2590, -0.1277, -99.3281**.

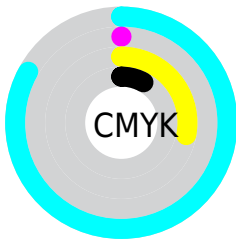
Distribution



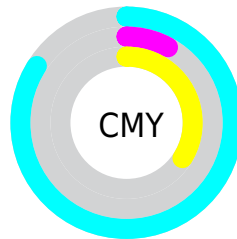
- Red (16%)
- Green (92%)
- Blue (66%)



- Red (16%)
- Yellow (62%)
- Blue (92%)



- Cyan (83%)
- Magenta (0%)
- Yellow (28%)
- Black (8%)



- Cyan (84%)
- Magenta (8%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.4700, -0.2317, -112.6682 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 168.4700, -0.2317, -112.6682 by changing the saturation by 10% instead.

■ 168.4700, -0.2317,
-112.6682

■ 168.4700, -0.2317,
-112.6682

■ 255.0000, 0.0000,
0.0000

■ 136.4090, 2.2634,
-119.6307

■ 211.2860, 5.7750,
-79.1808

■ 117.1230, -0.5536,
-102.7169

■ 224.1600, 13.7251,
-62.4073

■ 97.8370, -3.3706,
-85.8030

■ 234.0700, 10.3185,
-43.0344

■ 79.2520, -6.0402,
-69.5040

■ 243.3390, 5.7489,
-23.9763

■ 61.3680, -8.5624,
-53.8197

■ 252.9070, 1.0318,
-4.3034

■ 44.2990, -10.5004,
-38.8502

■ 28.1760, -13.8908,

-24.7104

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,
0.0000

■ 168.4700, -0.2317,
-112.6682

■ 168.4700, -0.2317,
-112.6682

■ 160.6810, -0.3357,
-126.0082

■ 176.2590, -0.1277,
-99.3281

■ 154.9140, -0.4506,
-135.8596

■ 184.3470, -0.1711,
-85.3733


■ 192.1360, -0.0670,
-72.0333


■ 200.2240, -0.1104,
-58.0784

 208.0130, -0.0064,
-44.7384

 215.8020, 0.0976,
-31.3984

 223.8900, 0.0542,
-17.4435

 231.6790, 0.1583,
-4.1035

 239.7670, 0.1149,
9.8513

Harmonies

Analogous

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



191.1060, -38.0133, -34.2960



168.4700, -0.2317, -112.6682



165.3390, 31.8779, -145.0023

Triad

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



168.4700, -0.2317, -112.6682



193.0590, 30.5369, -41.2707



190.1540, -30.1489, 56.8699

Complementary

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



168.4700, -0.2317, -112.6682



105.5300, 0.2317, 112.6682

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.



188.3200, -1.6368, 58.4784



168.4700, -0.2317, -112.6682



207.6750, 23.3312, 30.1030

Square

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



168.4700, -0.2317, -112.6682



159.9710, 46.8493, -140.2946



198.0950, 23.1242, 49.9057



198.7360, -53.1138, 49.3435

Rectangle

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



168.4700, -0.2317, -112.6682



167.0150, 43.3766, -146.4722



198.0950, 23.1242, 49.9057



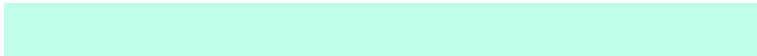
187.9830, -20.6976, 58.7739

Sweetspot

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



168.4700, -0.2317, -112.6682



233.3560, -0.1755, -37.1462



174.2100, -66.1655, -58.0662



114.7430, -0.3663, -22.5766



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.



168.4700, -0.2317, -112.6682



169.8480, -0.4181, -146.3257



158.9710, 36.9893, -104.3376



113.2550, -0.1257, -6.3626



119.8130, -0.4008, -105.0760



35.6880, -0.3392, -31.2984

Inverse Universe

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



105.5300, 0.2317, 112.6682



88.0380, -0.0187, 146.4257



115.0290, -36.9893, 104.3376



109.7450, 0.1257, 6.3626



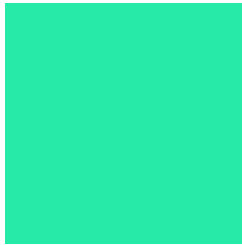
61.1870, 0.4008, 105.0760



18.1980, -0.0976, 31.3984

Previews

White Background



This preview shows how the YUV color 168.4700, -0.2317, -112.6682 looks on a white background.

Color Contrast Check

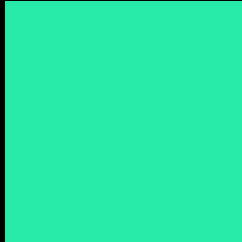
Large Text (above 18pt) WCAG AA × Fail

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 168.4700, -0.2317, -112.6682 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 168.4700, -0.2317, -112.6682 Background



This preview shows how black text looks on a background with the YUV color 168.4700, -0.2317, -112.6682.

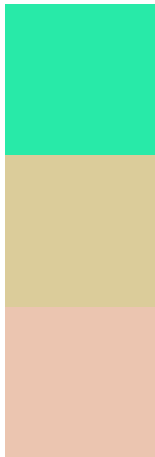


This preview shows how white text looks on a background with the YUV color 168.4700, -0.2317,

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

168.4700, -0.2317, -112.6682

Protanopia

202.7850, -24.0510, 14.2206

Deuteranopia

205.9680, -14.7742, 25.4611



Tritanopia

184.6050, 28.7887, -87.3536

Trichromacy



Original Color

168.4700, -0.2317, -112.6682



Protanomaly

190.3770, -15.4689, -31.9026



Deuteranomaly

192.0280, -9.3808, -24.5806



Tritanomaly

179.0910, 18.1961, -96.5498

Monochromacy



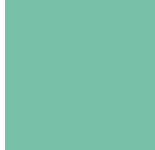
Original Color

168.4700, -0.2317, -112.6682



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.0350, -0.0173, -41.2497

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.4700, -0.2317, -112.6682 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, 234, 168)` looks like.

```
.text, #text, p{  
    color:rgb(40, 234, 168)  
}
```

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, 234, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 234, 168) }
```

Border

The CSS property to change the border of an element to YUV 168.4700, -0.2317, -112.6682 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, 234, 168) }
```


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

```
.border{ border-color:rgb(40, 234, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 234, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 234, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 234, 168);  
box-shadow:4px 4px 4px 4px rgb(40, 234,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 168.4700, -0.2317, -112.6682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 234, 168) }
```

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

```
.background{ background-color: rgb(40, 234,  
168) }
```

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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