

Converting Colors

YUV(188.2870, 10.7045,
-120.4007)

Have a look what the booklet for
YUV(188.2870, 10.7045, -120.4007)
contains.

YUV(188.2870, 10.7045, -120.4007)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(188.2870, 10.7045,
-120.4007)**

Conversions

Conversions Part 1

Format	Color
Hex	33FED2
RGB	51, 254, 210
RGB Percent	20%, 100%, 82%
CMY	0.8000, 0.0039, 0.1765
CMYK	0.80, 0.00, 0.17, 0.00
HSL	167°, 99%, 60%
HSV	167°, 80%, 100%
XYZ	48.4399, 76.2406, 73.1356
YIQ	188.2870, -106.8640, -56.7200

Conversions

Conversions Part 2

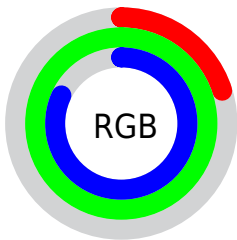
Format	Color
RYB	51, 165, 254
Decimal	3407570
CIELab	89.97, -57.39, 7.55
CIELCh	90, 57.881, 172.500
Yxy	76.2406, 0.2449, 0.3854
Android (android.graphics.Color)	4281597650 (0xFF33FED2)
YUV	188.2870, 10.7045, -120.4007
Hunter-Lab	87.3158, -53.7769, 11.4599

Details

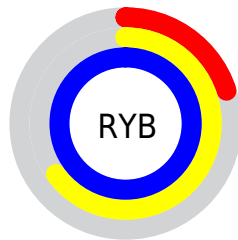
The YUV color **188.2870, 10.7045, -120.4007** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **116.7130, -10.7045, 120.4007**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.9240, 18.2785, -76.2323**, and **132.8360, 11.4199, -116.4972** is the 20% darker color. If you saturate the color by 10%, you get **180.1280, 11.7689, -135.1703**, and if you desaturate by 10%, it is **196.4460, 9.6401, -105.6311**.

Distribution



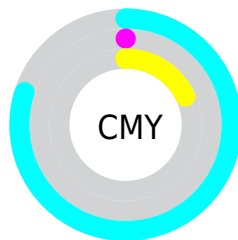
- Red (20%)
- Green (100%)
- Blue (82%)



- Red (20%)
- Yellow (65%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.2870, 10.7045, -120.4007 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 188.2870, 10.7045, -120.4007 by changing the saturation by 10% instead.

188.2870, 10.7045,
-120.4007

188.2870, 10.7045,
-120.4007

255.0000, 0.0000,
0.0000

152.8230, 14.3843,
-134.0258

217.9240, 18.2785,
-76.2323

132.8360, 11.4199,
-116.4972

227.7910, 13.4140,
-55.9447

113.4360, 8.1661,
-99.4834

237.6580, 8.5496,
-35.6571

94.6230, 4.6229,
-82.9844

247.2260, 3.8326,
-15.9842

76.0380, 1.9533,
-66.6853

58.1540, -0.5689,
-51.0011

41.0850, -2.5069,

-36.0315

■ 25.1900, -5.0237,
-22.0916

■ 0.0000, 0.0000,
0.0000

■ 188.2870, 10.7045,
-120.4007

■ 188.2870, 10.7045,
-120.4007

■ 180.1280, 11.7689,
-135.1703

■ 196.4460, 9.6401,
-105.6311

■ 171.7840, 13.4175,
-150.6546

■ 204.7900, 7.9915,
-90.1468

■ 212.9490, 6.9271,
-75.3773

■ 221.2930, 5.2786,
-59.8930

■ 229.4520, 4.2142,
-45.1234

■ 237.4970, 2.7130,
-30.2539

■ 245.9550, 1.5012,
-14.8695

254.0000, 0.0000,
0.0000

254.4130, 0.2894,
0.5148

Harmonies

Analogous

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



209.2210, -25.7450, -49.3058



188.2870, 10.7045, -120.4007



178.1680, 37.8782, -156.2533

Triad

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



188.2870, 10.7045, -120.4007



218.9400, 17.7776, -8.7174



208.4310, -33.7365, 40.8410

Complementary

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



188.2870, 10.7045, -120.4007



116.7130, -10.7045, 120.4007

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.



204.9840, -8.8661, 43.8640



188.2870, 10.7045, -120.4007



220.3670, 17.0741, 30.3731

Square

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



188.2870, 10.7045, -120.4007



196.9040, 28.6413, -86.7388



210.7810, 15.8840, 38.7801



217.3210, -50.4443, 33.0445

Rectangle

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



188.2870, 10.7045, -120.4007



176.4070, 38.7463, -154.7089



210.7810, 15.8840, 38.7801



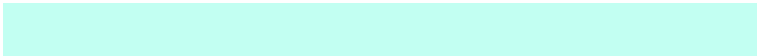
206.5050, -25.8850, 42.5301

Sweetspot

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



188.2870, 10.7045, -120.4007



235.2790, 3.3135, -36.2017



184.2140, -65.6745, -75.6097



115.9110, 1.5229, -21.8469



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.



188.2870, 10.7045, -120.4007



175.7030, 12.9644, -145.3215



161.6050, 45.5507, -97.0006



123.7710, 0.6059, -7.6922



129.2170, 10.2460, -113.3233



43.2680, 3.3189, -37.9460

Inverse Universe

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



116.7130, -10.7045, 120.4007



89.2970, -12.9644, 145.3215



143.3950, -45.5507, 97.0006



119.2290, -0.6059, 7.6922



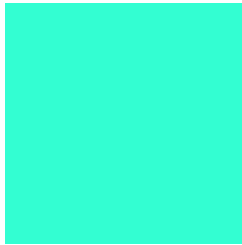
61.7830, -10.2460, 113.3233



20.7320, -3.3189, 37.9460

Previews

White Background



This preview shows how the YUV color 188.2870, 10.7045, -120.4007 looks on a white background.

Color Contrast Check

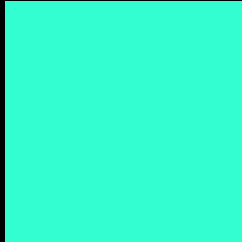
Large Text (above 18pt) WCAG AA × Fail

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 188.2870, 10.7045, -120.4007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

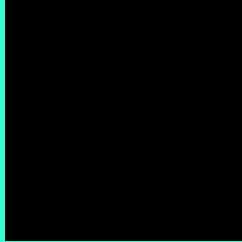
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

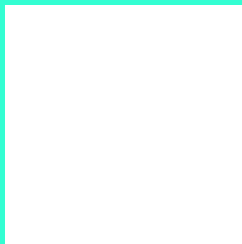
Any Text WCAG AAA ✓ Pass

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

YUV 188.2870, 10.7045, -120.4007 Background



This preview shows how black text looks on a background with the YUV color 188.2870, 10.7045, -120.4007.



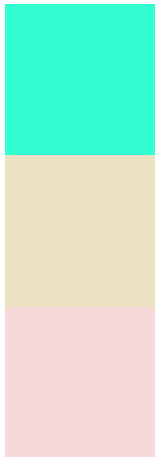
This preview shows how white text looks on a background with the YUV color 188.2870, 10.7045, -120.4007.

-120.4007.

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

188.2870, 10.7045, -120.4007

Protanopia

223.8690, -14.7254, 9.7619

Deuteranopia

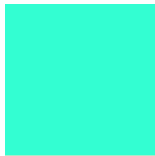
226.3830, -4.1328, 18.9581



Tritanopia

213.0060, 20.7030, -60.5183

Trichromacy



Original Color

188.2870, 10.7045, -120.4007



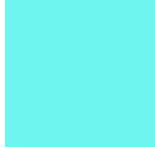
Protanomaly

210.9770, -5.4117, -37.6908



Deuteranomaly

212.1440, 1.4080, -31.6983



Tritanomaly

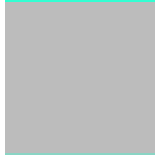
203.9510, 17.2792, -82.3950

Monochromacy



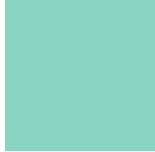
Original Color

188.2870, 10.7045, -120.4007



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.0500, 3.9194, -43.8938

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.2870, 10.7045, -120.4007 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(51, 254, 210)` looks like.

```
.text, #text, p{  
    color:rgb(51, 254, 210)  
}
```

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(51, 254, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 254, 210) }
```

Border

The CSS property to change the border of an element to YUV 188.2870, 10.7045, -120.4007 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(51, 254, 210) }
```


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

```
.border{ border-color:rgb(51, 254, 210) }
```

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

Here you see how a box with a 4 pixel rgb(51, 254, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 254, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 254, 210);  
box-shadow:4px 4px 4px 4px rgb(51, 254,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 188.2870, 10.7045, -120.4007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 254, 210) }
```

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

```
.background{ background-color: rgb(51, 254,  
210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor