

Converting Colors

YUV(185.7350, 21.3296,
-121.6706)

Have a look what the booklet for
YUV(185.7350, 21.3296, -121.6706)
contains.

YUV(185.7350, 21.3296, -121.6706)	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(185.7350, 21.3296,
-121.6706)**

Conversions

Conversions Part 1

Format	Color
Hex	2FF8E5
RGB	47, 248, 229
RGB Percent	18%, 97%, 90%
CMY	0.8157, 0.0275, 0.1020
CMYK	0.81, 0.00, 0.08, 0.03
HSL	174°, 93%, 58%
HSV	174°, 81%, 97%
XYZ	48.8825, 73.3963, 85.7193
YIQ	185.7350, -113.6970, -48.5210

Conversions

Conversions Part 2

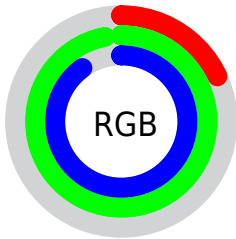
Format	Color
R _Y B	47, 152, 248
Decimal	3143909
CIE Lab	88.64, -50.42, -4.27
CIE LCh	89, 50.601, 184.835
Yxy	73.3963, 0.2350, 0.3529
Android (android.graphics.Color)	4281333989 (0xFF2FF8E5)
YUV	185.7350, 21.3296, -121.6706
Hunter-Lab	85.6716, -48.0768, 0.6472

Details

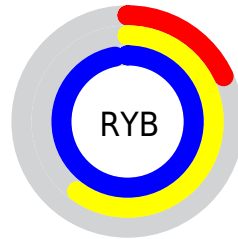
The YUV color **185.7350, 21.3296, -121.6706** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **109.2650, -21.3296, 121.6706**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6250, 18.4259, -76.8471**, and **131.9530, 20.7292, -115.7228** is the 20% darker color. If you saturate the color by 10%, you get **178.0320, 24.1412, -136.8401**, and if you desaturate by 10%, it is **193.4380, 18.5181, -106.5011**.

Distribution



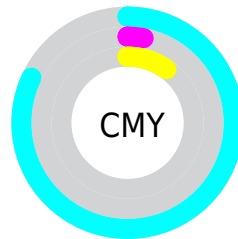
- Red (18%)
- Green (97%)
- Blue (90%)



- Red (18%)
- Yellow (60%)
- Blue (97%)



- Cyan (81%)
- Magenta (0%)
- Yellow (8%)
- Black (3%)



- Cyan (82%)
- Magenta (3%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.7350, 21.3296, -121.6706 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 185.7350, 21.3296, -121.6706 by changing the saturation by 10% instead.

185.7350, 21.3296,
-121.6706

185.7350, 21.3296,
-121.6706

255.0000, 0.0000,
0.0000

151.4670, 24.4198,
-132.8366

217.6250, 18.4259,
-76.8471

131.9530, 20.7292,
-115.7228

227.4920, 13.5614,
-56.5595

112.4390, 17.0386,
-98.6090

237.3590, 8.6970,
-36.2718

93.6260, 13.4954,
-82.1100

246.9270, 3.9800,
-16.5990

75.6280, 10.5364,
-66.3258

57.6300, 7.5774,
-50.5415

40.4470, 5.2026,

-35.4720

■ 25.1390, 2.3965,
-22.0469

■ 0.5700, 2.1840,
-0.4999

■ 185.7350, 21.3296,
-121.6706

■ 185.7350, 21.3296,
-121.6706

■ 178.0320, 24.1412,
-136.8401

■ 193.4380, 18.5181,
-106.5011

■ 171.2260, 26.5106,
-150.1652

■ 201.2550, 16.1433,
-91.4316

■ 208.6590, 13.4791,
-76.8769

■ 216.3620, 10.6675,
-61.7075

■ 224.1790, 8.2928,
-46.6380

■ 231.8820, 5.4812,
-31.4685

■ 239.5850, 2.6696,
-16.2990

■ 247.1030, 0.4422,
-1.8443

■ 250.3210, -0.1583,
4.1035

Harmonies

Analogous

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



204.4010, -12.0297, -61.7417



185.7350, 21.3296, -121.6706



173.4720, 40.1933, -152.1349

Triad

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



185.7350, 21.3296, -121.6706



221.7410, 16.3967, 14.2591



212.0840, -37.5094, 37.6373

Complementary

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



185.7350, 21.3296, -121.6706



109.2650, -21.3296, 121.6706

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.



207.1550, -18.3174, 41.9601



185.7350, 21.3296, -121.6706



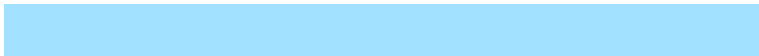
217.4320, 18.5210, 32.9471

Square

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



185.7350, 21.3296, -121.6706



209.5830, 22.3906, -41.7303



208.8770, 3.5116, 40.4499



218.1180, -45.9072, 24.4525

Rectangle

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



185.7350, 21.3296, -121.6706



171.1240, 41.3509, -150.0757



208.8770, 3.5116, 40.4499



210.1750, -32.1313, 39.3115

Sweetspot

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



185.7350, 21.3296, -121.6706



236.0770, 6.3710, -36.9015



170.9670, -61.1157, -91.1791



116.4810, 3.7069, -22.3468



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.



185.7350, 21.3296, -121.6706



178.5250, 26.3632, -149.5504



140.9410, 52.7801, -82.3863



120.9990, 1.4795, -7.8921



130.4370, 19.9976, -114.3932



42.0770, 6.3710, -36.9015

Inverse Universe

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



109.2650, -21.3296, 121.6706



84.4750, -26.3632, 149.5504



154.0590, -52.7801, 82.3863



116.1150, -1.0427, 7.7921



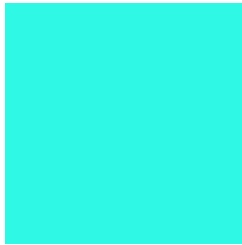
58.5630, -19.9976, 114.3932



18.9230, -6.3710, 36.9015

Previews

White Background



This preview shows how the YUV color 185.7350, 21.3296, -121.6706 looks on a white background.

Color Contrast Check

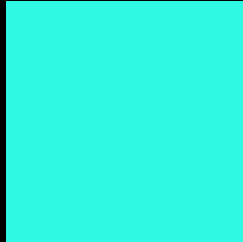
Large Text (above 18pt) WCAG AA × Fail

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 185.7350, 21.3296, -121.6706 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 185.7350, 21.3296, -121.6706 Background



This preview shows how black text looks on a background with the YUV color 185.7350, 21.3296, -121.6706.



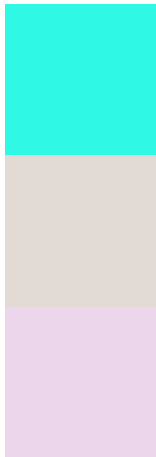
This preview shows how white text looks on a background with the YUV color 185.7350, 21.3296, -121.6706.

-121.6706.

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

185.7350, 21.3296, -121.6706

Protanopia

220.4090, -3.6526, 4.9033

Deuteranopia

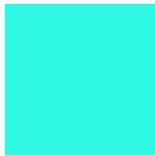
222.7870, 6.5140, 10.7108



Tritanopia

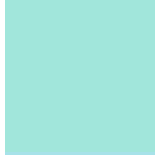
205.8410, 24.2354, -73.5286

Trichromacy



Original Color

185.7350, 21.3296, -121.6706



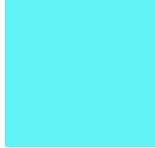
Protanomaly

208.1150, 5.3663, -41.3199



Deuteranomaly

209.1570, 11.7546, -36.9717



Tritanomaly

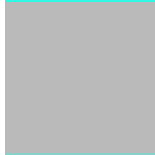
198.5030, 23.4160, -90.7721

Monochromacy



Original Color

185.7350, 21.3296, -121.6706



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.0760, 7.8505, -44.7937

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.7350, 21.3296, -121.6706 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(47, 248, 229)` looks like.

```
.text, #text, p{  
    color:rgb(47, 248, 229)  
}
```

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(47, 248, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 248, 229) }
```

Border

The CSS property to change the border of an element to YUV 185.7350, 21.3296, -121.6706 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(47, 248, 229) }
```


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

```
.border{ border-color:rgb(47, 248, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 248, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 248, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 248, 229);  
box-shadow:4px 4px 4px 4px rgb(47, 248,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 185.7350, 21.3296, -121.6706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 248, 229) }
```

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

```
.background{ background-color: rgb(47, 248,  
229) }
```

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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