

Converting Colors

YUV(181.5000, 20.9525,
-140.7585)

Have a look what the booklet for
YUV(181.5000, 20.9525, -140.7585)
contains.

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Color

**YUV(181.5000, 20.9525,
-140.7585)**

Conversions

Conversions Part 1

Format	Color
Hex	15FFE0
RGB	21, 255, 224
RGB Percent	8%, 100%, 88%
CMY	0.9176, 0.0000, 0.1216
CMYK	0.92, 0.00, 0.12, 0.00
HSL	172°, 100%, 54%
HSV	172°, 92%, 100%
XYZ	49.5238, 77.0612, 82.7851
YIQ	181.5000, -129.5130, -59.2490

Conversions

Conversions Part 2

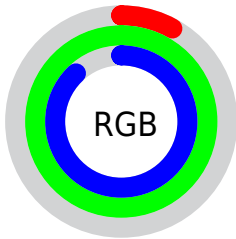
Format	Color
R _Y B	21, 146, 255
Decimal	1441760
CIE Lab	90.35, -56.06, 0.82
CIE LCh	90, 56.068, 179.161
Yxy	77.0612, 0.2365, 0.3681
Android (android.graphics.Color)	4279631840 (0xFF15FFE0)
YUV	181.5000, 20.9525, -140.7585
Hunter-Lab	87.7845, -52.9218, 5.5358

Details

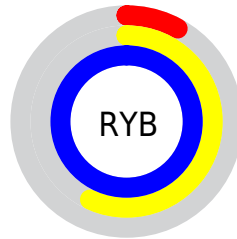
The YUV color **181.5000, 20.9525, -140.7585** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **94.5000, -20.9525, 140.7585**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2330, 19.6051, -81.7653**, and **134.9050, 16.8088, -118.3117** is the 20% darker color. If you saturate the color by 10%, you get **174.8790, 22.7377, -153.3689**, and if you desaturate by 10%, it is **189.6160, 18.4303, -125.0742**.

Distribution



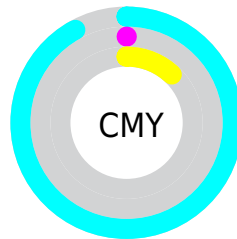
- Red (8%)
- Green (100%)
- Blue (88%)



- Red (8%)
- Yellow (57%)
- Blue (100%)



- Cyan (92%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)



- Cyan (92%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.5000, 20.9525, -140.7585 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 181.5000, 20.9525, -140.7585 by changing the saturation by 10% instead.

181.5000, 20.9525,
-140.7585

181.5000, 20.9525,
-140.7585

255.0000, 0.0000,
0.0000

155.0060, 20.2100,
-135.9403

215.2330, 19.6051,
-81.7653

134.9050, 16.8088,
-118.3117

225.3990, 14.5933,
-60.8629

115.3910, 13.1182,
-101.1979

235.2660, 9.7289,
-40.5753

96.6920, 10.0118,
-84.7989

245.1330, 4.8644,
-20.2876

77.9930, 6.9055,
-68.3999

254.7010, 0.1474,
-0.6148

60.1090, 4.3833,
-52.7156

42.9260, 2.0085,

-37.6461

■ 27.0310, -0.5083,
-23.7062

■ 1.1740, -0.5788,
-1.0296

■ 181.5000, 20.9525,
-140.7585

■ 181.5000, 20.9525,
-140.7585

■ 174.8790, 22.7377,
-153.3689

■ 189.6160, 18.4303,
-125.0742

■ 197.5470, 16.4923,
-110.1047

■ 205.6630, 13.9701,
-94.4205

■ 213.5940, 12.0322,
-79.4509

■ 221.4110, 9.6574,
-64.3814

■ 229.5270, 7.1352,
-48.6972

■ 237.7570, 5.0498,
-33.1129

■ 245.5740, 2.6750,
-18.0434

■ 253.6900, 0.1528,
-2.3591

Harmonies

Analogous

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



208.2890, -18.8765, -59.0125



181.5000, 20.9525, -140.7585



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.



181.5000, 20.9525, -140.7585



223.4580, 15.5502, 5.7373



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.



181.5000, 20.9525, -140.7585



94.5000, -20.9525, 140.7585

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.



206.8930, -14.2442, 42.1898



181.5000, 20.9525, -140.7585



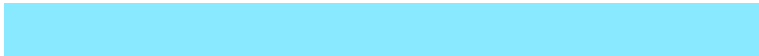
219.1930, 17.6529, 31.4027

Square

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



181.5000, 20.9525, -140.7585



206.5050, 23.9080, -61.8329



210.5870, 10.0636, 38.9502



221.1850, -50.8702, 29.6558

Rectangle

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



181.5000, 20.9525, -140.7585



175.8200, 39.0357, -154.1941



210.5870, 10.0636, 38.9502



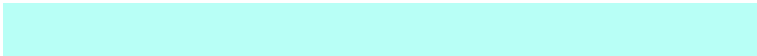
209.3430, -30.2421, 40.0412

Sweetspot

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



181.5000, 20.9525, -140.7585



232.7450, 6.5347, -42.7494



167.6270, -72.2871, -101.4049



114.1600, 3.8651, -26.4503



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.



181.5000, 20.9525, -140.7585



174.8790, 22.7377, -153.3689



134.5520, 59.3809, -99.5851



123.8850, 1.0427, -7.7921



131.0410, 17.2348, -114.9230



43.8380, 5.5029, -38.4459

Inverse Universe

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



94.5000, -20.9525, 140.7585



80.1210, -22.7377, 153.3689



141.4480, -59.3809, 99.5851



119.0010, -1.4795, 7.8921



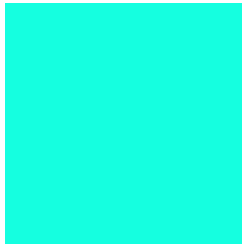
59.9590, -17.2348, 114.9230



20.0480, -5.9397, 38.5459

Previews

White Background



This preview shows how the YUV color 181.5000, 20.9525, -140.7585 looks on a white background.

Color Contrast Check

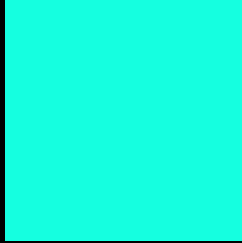
Large Text (above 18pt) WCAG AA × Fail

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 181.5000, 20.9525, -140.7585 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

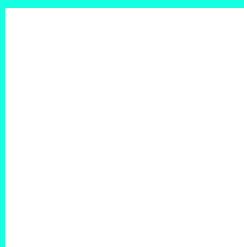
Any Text WCAG AAA ✓ Pass

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

YUV 181.5000, 20.9525, -140.7585 Background



This preview shows how black text looks on a background with the YUV color 181.5000, 20.9525, -140.7585.



This preview shows how white text looks on a background with the YUV color 181.5000, 20.9525, -140.7585.

Color Blindness Simulation

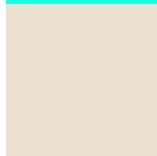
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



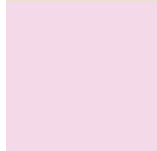
Original Color

181.5000, 20.9525, -140.7585



Protanopia

224.7530, -8.7522, 7.2326



Deuteranopia

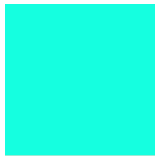
227.3700, 2.2826, 14.5845



Tritanopia

214.4900, 19.9714, -59.1887

Trichromacy



Original Color

181.5000, 20.9525, -140.7585



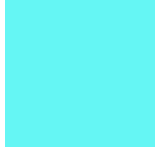
Protanomaly

208.8710, 2.0356, -46.3679



Deuteranomaly

210.4400, 9.1501, -41.6049



Tritanomaly

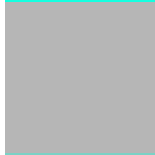
202.4170, 20.5004, -88.9427

Monochromacy



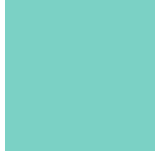
Original Color

181.5000, 20.9525, -140.7585



Achromatopsia

182.0000, 0.0000, 0.0000



Achromatomaly

181.9180, 7.4354, -51.6711

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.5000, 20.9525, -140.7585 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(21, 255, 224)` looks like.

```
.text, #text, p{  
    color:rgb(21, 255, 224)  
}
```

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(21, 255, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 255, 224) }
```

Border

The CSS property to change the border of an element to YUV 181.5000, 20.9525, -140.7585 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(21, 255, 224) }
```


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

```
.border{ border-color:rgb(21, 255, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 255, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 255, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 255, 224);  
box-shadow:4px 4px 4px 4px rgb(21, 255,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 181.5000, 20.9525, -140.7585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 255, 224) }
```

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

```
.background{ background-color: rgb(21, 255,  
224) }
```

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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