

Converting Colors

YUV(172.9460, 21.2256,
-135.0106)

Have a look what the booklet for
YUV(172.9460, 21.2256, -135.0106)
contains.

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Color

**YUV(172.9460, 21.2256,
-135.0106)**

Conversions

Conversions Part 1

Format	Color
Hex	13F3D8
RGB	19, 243, 216
RGB Percent	7%, 95%, 85%
CMY	0.9255, 0.0471, 0.1529
CMYK	0.92, 0.00, 0.11, 0.05
HSL	173°, 90%, 51%
HSV	173°, 92%, 95%
XYZ	44.7138, 69.1975, 75.9655
YIQ	172.9460, -124.8370, -55.8850

Conversions

Conversions Part 2

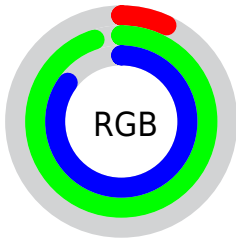
Format	Color
R _Y B	19, 138, 243
Decimal	1307608
CIE Lab	86.60, -53.38, -0.48
CIE LCh	87, 53.381, 180.520
Yxy	69.1975, 0.2355, 0.3644
Android (android.graphics.Color)	4279497688 (0xFF13F3D8)
YUV	172.9460, 21.2256, -135.0106
Hunter-Lab	83.1850, -49.6261, 4.0852

Details

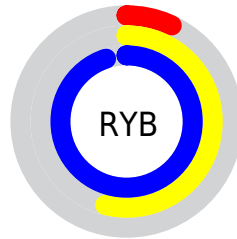
The YUV color **172.9460, 21.2256, -135.0106** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **89.0540, -21.2256, 135.0106**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.0370, 20.1948, -84.2244**, and **127.5360, 16.4978, -111.8491** is the 20% darker color. If you saturate the color by 10%, you get **167.0370, 23.1528, -146.4914**, and if you desaturate by 10%, it is **180.4640, 18.9982, -120.5559**.

Distribution



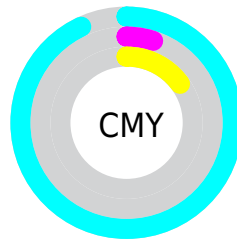
- Red (7%)
- Green (95%)
- Blue (85%)



- Red (7%)
- Yellow (54%)
- Blue (95%)



- Cyan (92%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)



- Cyan (93%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9460, 21.2256, -135.0106 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 172.9460, 21.2256, -135.0106 by changing the saturation by 10% instead.

172.9460, 21.2256,
-135.0106

172.9460, 21.2256,
-135.0106

255.0000, 0.0000,
0.0000

147.0500, 20.1883,
-128.9629

214.0370, 20.1948,
-84.2244

127.5360, 16.4978,
-111.8491

224.2030, 15.1829,
-63.3220

108.1360, 13.2440,
-94.8353

234.0700, 10.3185,
-43.0344

89.4370, 10.1376,
-78.4362

243.6380, 5.6015,
-23.3615

71.4390, 7.1786,
-62.6520

253.5050, 0.7370,
-3.0739

53.5550, 4.6564,
-46.9677

36.9590, 1.9922,

-32.4130

■ 20.5910, 0.2016,
-18.0583

■ 0.0000, 0.0000,
0.0000

■ 172.9460, 21.2256,
-135.0106

■ 172.9460, 21.2256,
-135.0106

■ 167.0370, 23.1528,
-146.4914

■ 180.4640, 18.9982,
-120.5559

■ 188.2810, 16.6235,
-105.4864

■ 195.7990, 14.3961,
-91.0317

■ 203.3170, 12.1687,
-76.5770

■ 210.8350, 9.9413,
-62.1223

■ 218.6520, 7.5666,
-47.0528

■ 226.1700, 5.3392,
-32.5981

■ 233.5740, 2.6750,
-18.0434

■ 241.3910, 0.3002,
-2.9739

Harmonies

Analogous

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



198.5710, -16.5505, -58.3828



172.9460, 21.2256, -135.0106



171.1240, 41.3509, -150.0757

Triad

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



172.9460, 21.2256, -135.0106



214.6090, 19.9128, 6.4819



206.1170, -37.5257, 42.8704

Complementary

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



172.9460, 21.2256, -135.0106



89.0540, -21.2256, 135.0106

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.



201.6440, -16.5865, 46.7932



172.9460, 21.2256, -135.0106



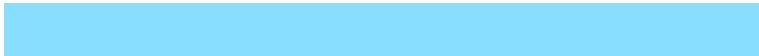
213.9100, 20.2574, 36.0359

Square

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



172.9460, 21.2256, -135.0106



200.0480, 27.0913, -56.1701



204.4090, 6.7004, 44.3683



212.3530, -48.9810, 30.3854

Rectangle

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



172.9460, 21.2256, -135.0106



168.7760, 42.5084, -148.0166



204.4090, 6.7004, 44.3683



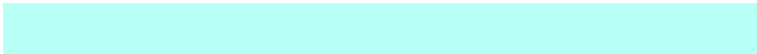
203.7350, -31.4214, 44.9594

Sweetspot

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



172.9460, 21.2256, -135.0106



232.7450, 6.5347, -42.7494



159.4580, -69.2458, -96.8717



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.



172.9460, 21.2256, -135.0106



175.2210, 24.0480, -153.6688



127.8900, 56.7492, -95.4965



118.2980, 1.3321, -7.2773



127.8780, 17.8081, -112.1490



40.5610, 5.6394, -35.5720

Inverse Universe

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



89.0540, -21.2256, 135.0106



79.7790, -24.0480, 153.6688



134.1100, -56.7492, 95.4965



113.8160, -0.8953, 7.1774



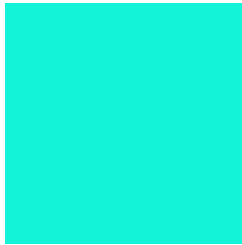
58.1220, -17.8081, 112.1490



18.4390, -5.6394, 35.5720

Previews

White Background



This preview shows how the YUV color 172.9460, 21.2256, -135.0106 looks on a white background.

Color Contrast Check

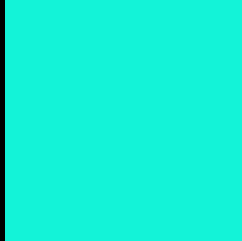
Large Text (above 18pt) WCAG AA × Fail

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 172.9460, 21.2256, -135.0106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

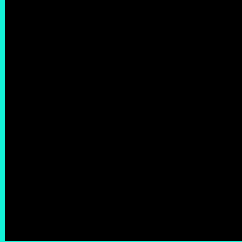
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

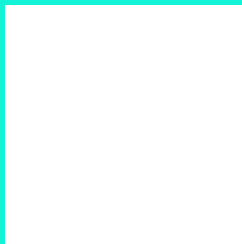
Any Text WCAG AAA ✓ Pass

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

YUV 172.9460, 21.2256, -135.0106 Background



This preview shows how black text looks on a background with the YUV color 172.9460, 21.2256, -135.0106.



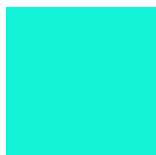
This preview shows how white text looks on a background with the YUV color 172.9460, 21.2256, -135.0106.

-135.0106.

Color Blindness Simulation

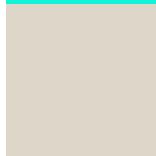
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



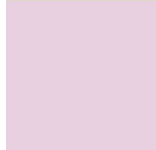
Original Color

172.9460, 21.2256, -135.0106



Protanopia

214.7960, -7.2944, 6.3179



Deuteranopia

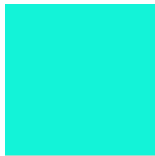
217.0000, 3.4510, 13.1550



Tritanopia

190.9240, 31.5895, -99.0343

Trichromacy



Original Color

172.9460, 21.2256, -135.0106



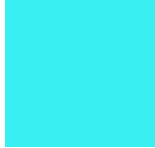
Protanomaly

199.8110, 3.0512, -45.4382



Deuteranomaly

201.2660, 9.7289, -40.5753



Tritanomaly

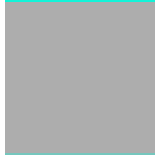
184.8100, 27.7017, -112.0894

Monochromacy



Original Color

172.9460, 21.2256, -135.0106



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.7550, 8.0088, -48.8971

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9460, 21.2256, -135.0106 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(19, 243, 216)` looks like.

```
.text, #text, p{  
    color:rgb(19, 243, 216)  
}
```

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(19, 243, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 243, 216) }
```

Border

The CSS property to change the border of an element to YUV 172.9460, 21.2256, -135.0106 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(19, 243, 216) }
```


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

```
.border{ border-color:rgb(19, 243, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 243, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 243, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 243, 216);  
box-shadow:4px 4px 4px 4px rgb(19, 243,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 172.9460, 21.2256, -135.0106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 243, 216) }
```

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

```
.background{ background-color: rgb(19, 243,  
216) }
```

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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