

Converting Colors

YUV(179.5740, 12.0420,
-129.4224)

Have a look what the booklet for
YUV(179.5740, 12.0420, -129.4224)
contains.

YUV(179.5740, 12.0420, -129.4224)	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(179.5740, 12.0420,
-129.4224)**

Conversions

Conversions Part 1

Format	Color
Hex	20FACC
RGB	32, 250, 204
RGB Percent	13%, 98%, 80%
CMY	0.8745, 0.0196, 0.2000
CMYK	0.87, 0.00, 0.18, 0.02
HSL	167°, 96%, 55%
HSV	167°, 87%, 98%
XYZ	45.6804, 73.0379, 68.8169
YIQ	179.5740, -115.1620, -60.5220

Conversions

Conversions Part 2

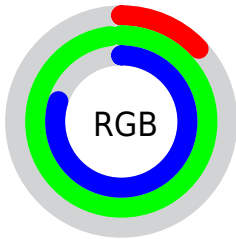
Format	Color
R_{YB}	32, 154, 250
Decimal	2161356
CIE _{Lab}	88.47, -58.63, 8.48
CIE _{LCh}	88, 59.241, 171.773
Yxy	73.0379, 0.2436, 0.3895
Android (android.graphics.Color)	4280351436 (0xFF20FACC)
YUV	179.5740, 12.0420, -129.4224
Hunter-Lab	85.4622, -54.1490, 12.0814

Details

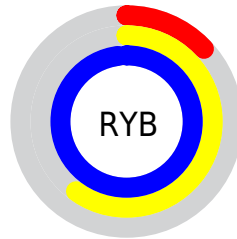
The YUV color **179.5740, 12.0420, -129.4224** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **102.4260, -12.0420, 129.4224**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2330, 19.6051, -81.7653**, and **129.8040, 9.9566, -113.8381** is the 20% darker color. If you saturate the color by 10%, you get **171.5290, 13.5432, -144.2919**, and if you desaturate by 10%, it is **187.6190, 10.5408, -114.5529**.

Distribution



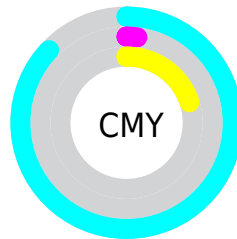
- Red (13%)
- Green (98%)
- Blue (80%)



- Red (13%)
- Yellow (60%)
- Blue (98%)



- Cyan (87%)
- Magenta (0%)
- Yellow (18%)
- Black (2%)



- Cyan (87%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.5740, 12.0420, -129.4224 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 179.5740, 12.0420, -129.4224 by changing the saturation by 10% instead.

179.5740, 12.0420,
-129.4224

179.5740, 12.0420,
-129.4224

255.0000, 0.0000,
0.0000

149.9050, 13.3578,
-131.4667

215.2330, 19.6051,
-81.7653

129.8040, 9.9566,
-113.8381

225.3990, 14.5933,
-60.8629

110.4040, 6.7028,
-96.8243

235.2660, 9.7289,
-40.5753

91.7050, 3.5964,
-80.4253

244.8340, 5.0118,
-20.9024

73.1200, 0.9268,
-64.1262

254.4020, 0.2948,
-1.2296

55.9370, -1.4479,
-49.0567

38.7540, -3.8227,

-33.9873

■ 22.1580, -6.4869,
-19.4326

■ 0.0000, 0.0000,
0.0000

■ 179.5740, 12.0420,
-129.4224

■ 179.5740, 12.0420,
-129.4224

■ 171.5290, 13.5432,
-144.2919

■ 187.6190, 10.5408,
-114.5529

■ 169.2080, 13.7015,
-148.3954

■ 195.7780, 9.4764,
-99.7833

■ 203.8230, 7.9753,
-84.9138

■ 211.8680, 6.4741,
-70.0442

■ 219.9130, 4.9729,
-55.1747

■ 228.0720, 3.9085,
-40.4051

■ 236.1170, 2.4073,
-25.5356

■ 244.1620, 0.9061,
-10.6661

■ 251.6090, -0.3002,
2.9739

Harmonies

Analogous

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



204.8790, -27.0553, -49.0059



179.5740, 12.0420, -129.4224



176.4070, 38.7463, -154.7089

Triad

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



179.5740, 12.0420, -129.4224



214.4990, 19.9670, -10.9616



204.9260, -34.4735, 43.9149

Complementary

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



179.5740, 12.0420, -129.4224



102.4260, -12.0420, 129.4224

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.



201.0060, -8.8770, 47.3527



179.5740, 12.0420, -129.4224



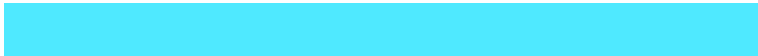
218.0190, 18.2316, 32.4323

Square

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



179.5740, 12.0420, -129.4224



189.4620, 32.3102, -96.8752



206.9170, 16.3099, 42.1688



213.5880, -52.0549, 36.3183

Rectangle

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



179.5740, 12.0420, -129.4224



174.6460, 39.6145, -153.1645



206.9170, 16.3099, 42.1688



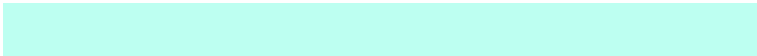
203.0000, -26.6220, 45.6040

Sweetspot

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



179.5740, 12.0420, -129.4224



233.6700, 3.6137, -39.1756



174.0190, -70.0154, -83.3317



115.0140, 1.9651, -23.6913



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.



179.5740, 12.0420, -129.4224



172.5990, 14.0017, -151.3693



148.4240, 50.0770, -102.1038



120.7710, 0.6059, -7.6922



127.9290, 10.3880, -112.1937



41.2790, 3.3135, -36.2017

Inverse Universe

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



102.4260, -12.0420, 129.4224



82.4010, -14.0017, 151.3693



133.5760, -50.0770, 102.1038



116.2290, -0.6059, 7.6922



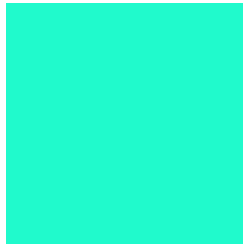
61.0710, -10.3880, 112.1937



19.7210, -3.3135, 36.2017

Previews

White Background



This preview shows how the YUV color 179.5740, 12.0420, -129.4224 looks on a white background.

Color Contrast Check

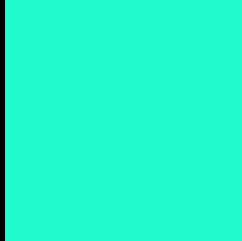
Large Text (above 18pt) WCAG AA × Fail

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 179.5740, 12.0420, -129.4224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

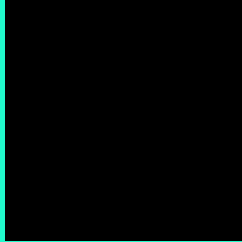
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

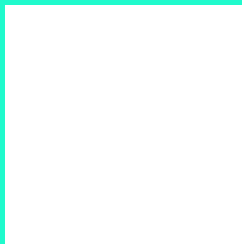
Any Text WCAG AAA ✓ Pass

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

YUV 179.5740, 12.0420, -129.4224 Background



This preview shows how black text looks on a background with the YUV color 179.5740, 12.0420, -129.4224.



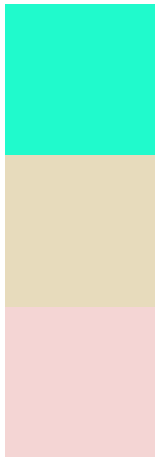
This preview shows how white text looks on a background with the YUV color 179.5740, 12.0420, -129.4224.

-129.4224.

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

179.5740, 12.0420, -129.4224

Protanopia

219.0540, -15.3096, 10.4766

Deuteranopia

222.1550, -5.0064, 19.1581



Tritanopia

204.6560, 24.8196, -74.2433

Trichromacy



Original Color

179.5740, 12.0420, -129.4224



Protanomaly

204.6670, -5.2588, -40.0500



Deuteranomaly

206.4210, 1.2714, -34.5722



Tritanomaly

195.2700, 20.0799, -94.0758

Monochromacy



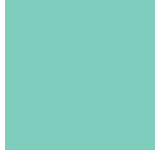
Original Color

179.5740, 12.0420, -129.4224



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

179.5550, 4.6564, -46.9677

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.5740, 12.0420, -129.4224 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(32, 250, 204)` looks like.

```
.text, #text, p{  
    color:rgb(32, 250, 204)  
}
```

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(32, 250, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 250, 204) }
```

Border

The CSS property to change the border of an element to YUV 179.5740, 12.0420, -129.4224 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(32, 250, 204) }
```


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

```
.border{ border-color:rgb(32, 250, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 250, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 250, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 250, 204);  
box-shadow:4px 4px 4px 4px rgb(32, 250,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 179.5740, 12.0420, -129.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 250, 204) }
```

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

```
.background{ background-color: rgb(32, 250,  
204) }
```

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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