

Converting Colors

YUV(154.4020, 22.9728,
-135.4106)

Have a look what the booklet for
YUV(154.4020, 22.9728, -135.4106)
contains.

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Color

**YUV(154.4020, 22.9728,
-135.4106)**

Conversions

Conversions Part 1

Format	Color
Hex	00E0C9
RGB	0, 224, 201
RGB Percent	0%, 88%, 79%
CMY	1.0000, 0.1216, 0.2118
CMYK	1.00, 0.00, 0.10, 0.12
HSL	174°, 100%, 44%
HSV	174°, 100%, 88%
XYZ	37.1983, 57.5284, 64.4019
YIQ	154.4020, -126.1210, -54.6410

Conversions

Conversions Part 2

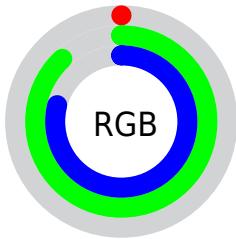
Format	Color
RYB	0, 118, 224
Decimal	57545
CIELab	80.48, -50.11, -1.55
CIELCh	80, 50.135, 181.768
Yxy	57.5284, 0.2338, 0.3615
Android (android.graphics.Color)	4278247625 (0xFF00E0C9)
YUV	154.4020, 22.9728, -135.4106
Hunter-Lab	75.8474, -45.1903, 2.7502

Details

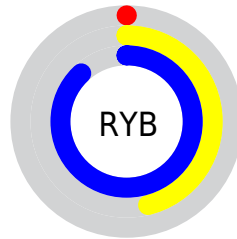
The YUV color **154.4020, 22.9728, -135.4106** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **69.5980, -22.9728, 135.4106**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.6450, 21.3740, -89.1427**, and **115.3740, 15.5916, -101.1830** is the 20% darker color. If you saturate the color by 10%, you get **154.4020, 22.9728, -135.4106**, and if you desaturate by 10%, it is **161.2080, 20.6035, -122.0854**.

Distribution



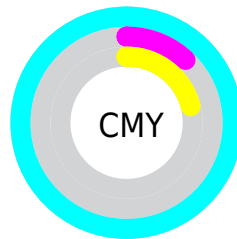
- Red (0%)
- Green (88%)
- Blue (79%)



- Red (0%)
- Yellow (46%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.4020, 22.9728, -135.4106 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 154.4020, 22.9728, -135.4106 by changing the saturation by 10% instead.

154.4020, 22.9728,
-135.4106

154.4020, 22.9728,
-135.4106

255.0000, 0.0000,
0.0000

134.8880, 19.2822,
-118.2968

211.6450, 21.3740,
-89.1427

115.3740, 15.5916,
-101.1830

221.8110, 16.3622,
-68.2402

96.5610, 12.0484,
-84.6840

231.3790, 11.6452,
-48.5674

77.9760, 9.3788,
-68.3850

240.9470, 6.9281,
-28.8945

60.5650, 6.1305,
-53.1155

250.5150, 2.2111,
-9.2217

43.3820, 3.7557,
-38.0460

28.0740, 0.9495,

-24.6209

■ 2.3310, 1.3158,
-2.0443

■ 0.0000, 0.0000,
0.0000

■ 154.4020, 22.9728,
-135.4106

■ 161.2080, 20.6035,
-122.0854

■ 168.4270, 18.5235,
-108.2455

■ 175.2330, 16.1541,
-94.9203

■ 182.3380, 13.6374,
-80.9804

■ 189.2580, 11.7048,
-67.7553

■ 196.0640, 9.3354,
-54.4301

■ 203.1690, 6.8187,
-40.4902

■ 209.9750, 4.4493,
-27.1651

■ 217.1940, 2.3694,
-13.3251

Harmonies

Analogous

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



182.2770, -13.9406, -55.4939



154.4020, 22.9728, -135.4106



159.1730, 43.7917, -139.5947

Triad

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



154.4020, 22.9728, -135.4106



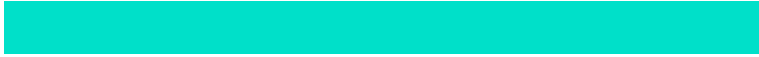
200.4440, 26.8961, 6.6266



195.9440, -38.4264, 51.7921

Complementary

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



154.4020, 22.9728, -135.4106



69.5980, -22.9728, 135.4106

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.



191.7160, -19.0870, 55.5001



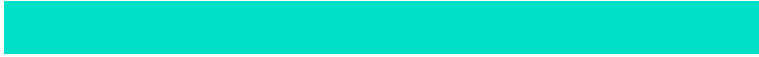
154.4020, 22.9728, -135.4106



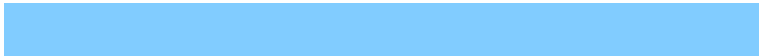
203.9650, 20.2303, 44.7577

Square

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



154.4020, 22.9728, -135.4106



187.3890, 33.3322, -51.2072



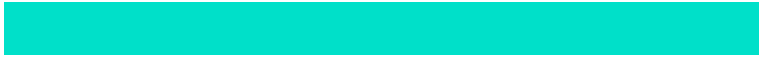
194.0250, 2.4527, 53.4751



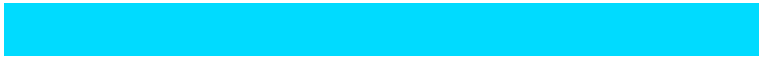
195.6560, -45.1864, 26.6117

Rectangle

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



154.4020, 22.9728, -135.4106



157.6230, 48.0069, -138.2354



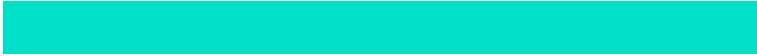
194.0250, 2.4527, 53.4751



194.1490, -32.6115, 53.3663

Sweetspot

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



154.4020, 22.9728, -135.4106



231.3640, 7.7085, -45.9232



139.2620, -68.6562, -99.3308



113.6760, 4.5967, -27.7799



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.



154.4020, 22.9728, -135.4106



175.7910, 26.2320, -154.1687



106.5420, 57.9068, -93.4373



108.5970, 1.1847, -6.6626



121.3240, 18.0813, -106.4011



33.0780, 4.8915, -29.0094

Inverse Universe

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



69.5980, -22.9728, 135.4106



79.2090, -26.2320, 154.1687



117.4580, -57.9068, 93.4373



104.4030, -1.1847, 6.6626



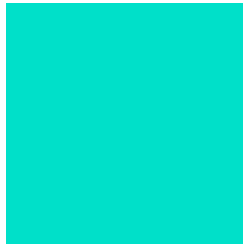
54.6760, -18.0813, 106.4011



14.9220, -4.8915, 29.0094

Previews

White Background



This preview shows how the YUV color 154.4020, 22.9728, -135.4106 looks on a white background.

Color Contrast Check

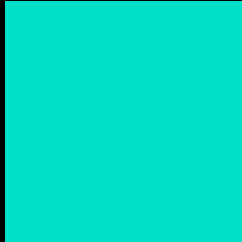
Large Text (above 18pt) WCAG AA × Fail

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 154.4020, 22.9728, -135.4106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

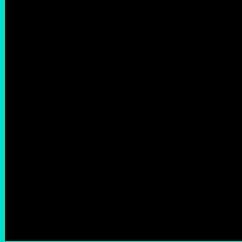
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

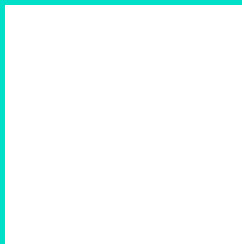
Any Text WCAG AAA ✓ Pass

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

YUV 154.4020, 22.9728, -135.4106 Background



This preview shows how black text looks on a background with the YUV color 154.4020, 22.9728, -135.4106.



This preview shows how white text looks on a background with the YUV color 154.4020, 22.9728, -135.4106.

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



Protanopia

197.8390, -5.8366, 5.4032

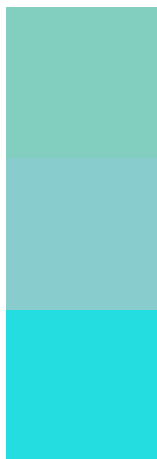
Deuteranopia

200.1030, 3.8932, 11.3107

Tritanopia

172.6140, 31.7423, -101.3935

Trichromacy



Protanomaly

182.1530, 4.3616, -45.7382

Deuteranomaly

183.7820, 10.4605, -41.9048

Tritanomaly

166.0270, 28.5807, -114.0337

Monochromacy



Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.8690, 8.4456, -48.9971

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.4020, 22.9728, -135.4106 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(0, 224, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 224, 201)  
}
```

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(0, 224, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 224, 201) }
```

Border

The CSS property to change the border of an element to YUV 154.4020, 22.9728, -135.4106 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(0, 224, 201) }
```

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

```
.border{ border-color:rgb(0, 224, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 224, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 224, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 224, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 224,  
201) }
```


Background

The CSS property to change the background color of an element to YUV 154.4020, 22.9728, -135.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 224, 201) }
```

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

```
.background{ background-color: rgb(0, 224,  
201) }
```

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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