

Converting Colors

YUV(154.7900, 34.6135,
-135.7508)

Have a look what the booklet for
YUV(154.7900, 34.6135, -135.7508)
contains.

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Color

**YUV(154.7900, 34.6135,
-135.7508)**

Conversions

Conversions Part 1

Format	Color
Hex	00DCE1
RGB	0, 220, 225
RGB Percent	0%, 86%, 88%
CMY	1.0000, 0.1373, 0.1176
CMYK	1.00, 0.02, 0.00, 0.12
HSL	181°, 100%, 44%
HSV	181°, 100%, 88%
XYZ	39.1838, 56.6226, 80.0982
YIQ	154.7900, -132.7250, -45.0850

Conversions

Conversions Part 2

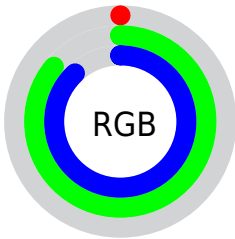
Format	Color
RYB	0, 111, 225
Decimal	56545
CIELab	79.97, -41.52, -15.08
CIELCh	80, 44.177, 199.965
Yxy	56.6226, 0.2228, 0.3219
Android (android.graphics.Color)	4278246625 (0xFF00DCE1)
YUV	154.7900, 34.6135, -135.7508
Hunter-Lab	75.2480, -38.7339, -10.4380

Details

The YUV color **154.7900, 34.6135, -135.7508** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **70.2100, -34.6135, 135.7508**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2430, 21.0792, -87.9131**, and **115.6480, 26.7955, -101.4233** is the 20% darker color. If you saturate the color by 10%, you get **154.7900, 34.6135, -135.7508**, and if you desaturate by 10%, it is **161.9550, 31.0812, -122.7405**.

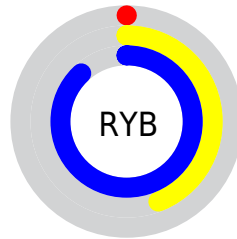
Distribution



Red (0%)

Green (86%)

Blue (88%)



Red (0%)

Yellow (44%)

Blue (88%)

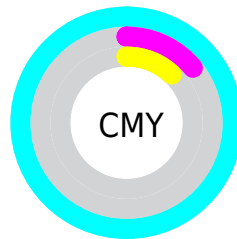


Cyan (100%)

Magenta (2%)

Yellow (0%)

Black (12%)



Cyan (100%)

Magenta (14%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.7900, 34.6135, -135.7508 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 154.7900, 34.6135, -135.7508 by changing the saturation by 10% instead.

154.7900, 34.6135,
-135.7508

154.7900, 34.6135,
-135.7508

255.0000, 0.0000,
0.0000

135.1620, 30.4861,
-118.5371

212.2430, 21.0792,
-87.9131

115.6480, 26.7955,
-101.4233

222.4090, 16.0674,
-67.0107

96.7210, 22.8155,
-84.8243

232.2760, 11.2029,
-46.7231

78.6090, 19.4198,
-68.9401

241.8440, 6.4859,
-27.0502

61.0840, 15.7346,
-53.5707

251.4120, 1.7689,
-7.3773

44.3740, 12.6336,
-38.9160

29.4250, 8.6645,

-25.8057

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 154.7900, 34.6135,
-135.7508

■ 161.9550, 31.0812,
-122.7405

■ 168.8320, 27.6908,
-108.6007

■ 176.2960, 24.0111,
-94.9756

■ 182.8740, 20.7681,
-81.4505

■ 190.3380, 17.0884,
-67.8254

■ 196.9160, 13.8454,
-54.3003

■ 204.0810, 10.3131,
-41.2900

■ 210.9580, 6.9227,
-27.1502

■ 218.4220, 3.2430,
-13.5251

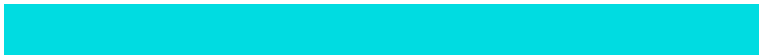
Harmonies

Analogous

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



177.5210, 2.7011, -73.2479



154.7900, 34.6135, -135.7508



157.0580, 48.2854, -134.2319

Triad

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



154.7900, 34.6135, -135.7508



204.0770, 23.6260, 28.8735



196.3180, -39.1038, 35.6781

Complementary

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



154.7900, 34.6135, -135.7508



70.2100, -34.6135, 135.7508

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.



195.7620, -28.9697, 51.9517



154.7900, 34.6135, -135.7508



198.6700, 7.5577, 49.4014

Square

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



154.7900, 34.6135, -135.7508



196.7790, 28.7030, -12.9612



193.8820, -10.7878, 53.6005



192.2170, -36.0960, 4.1947

Rectangle

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



154.7900, 34.6135, -135.7508



177.1570, 38.3766, -82.5757



193.8820, -10.7878, 53.6005



197.1280, -37.5311, 44.6147

Sweetspot

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



154.7900, 34.6135, -135.7508



231.1020, 11.7817, -45.6935



132.5310, -63.3658, -116.2297



113.0720, 7.3595, -27.2501



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.



154.7900, 34.6135, -135.7508



175.2330, 39.3251, -153.6793



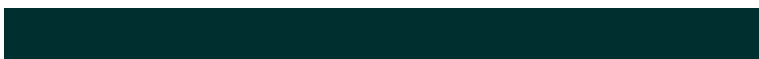
89.6330, 66.7359, -78.6081



108.7110, 1.6215, -6.7625



121.0280, 27.1012, -106.1416



33.0610, 7.3649, -28.9945

Inverse Universe

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



92.3550, 62.9290, 116.3297



104.6310, 71.1739, 131.8736



135.3670, -66.7359, 78.6081



105.5430, 3.1833, 5.6628



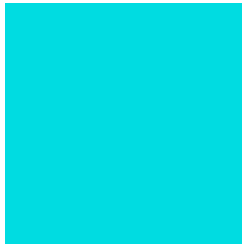
72.2320, 49.1856, 91.0045



19.7100, 13.4540, 24.8103

Previews

White Background



This preview shows how the YUV color 154.7900, 34.6135, -135.7508 looks on a white background.

Color Contrast Check

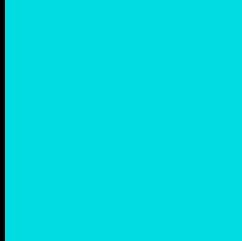
Large Text (above 18pt) WCAG AA × Fail

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 154.7900, 34.6135, -135.7508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

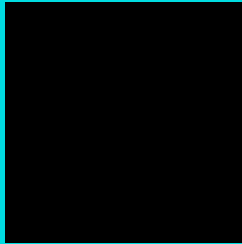
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

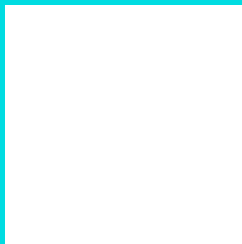
Any Text WCAG AAA ✓ Pass

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

YUV 154.7900, 34.6135, -135.7508 Background



This preview shows how black text looks on a background with the YUV color 154.7900, 34.6135, -135.7508.



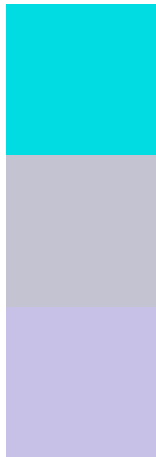
This preview shows how white text looks on a background with the YUV color 154.7900, 34.6135, -135.7508.

-135.7508.

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

154.7900, 34.6135, -135.7508

Protanopia

197.0090, 6.4046, -0.8849

Deuteranopia

198.5390, 16.0033, 0.4043



Tritanopia

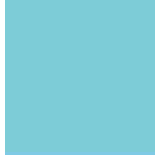
165.3350, 34.8378, -114.3038

Trichromacy



Original Color

154.7900, 34.6135, -135.7508



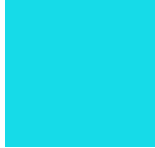
Protanomaly

181.6330, 16.4499, -49.6671



Deuteranomaly

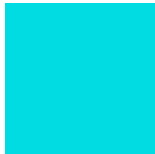
182.6530, 22.8491, -48.8077



Tritanomaly

161.5790, 34.7176, -122.4108

Monochromacy



Original Color

154.7900, 34.6135, -135.7508



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.1940, 12.2294, -49.2821

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.7900, 34.6135, -135.7508 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, 220, 225)` looks like.

```
.text, #text, p{  
    color:rgb(0, 220, 225)  
}
```

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, 220, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 220, 225) }
```

Border

The CSS property to change the border of an element to YUV 154.7900, 34.6135, -135.7508 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, 220, 225) }
```


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

```
.border{ border-color:rgb(0, 220, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 220, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 220, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 220, 225);  
box-shadow:4px 4px 4px 4px rgb(0, 220,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 154.7900, 34.6135, -135.7508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 220, 225) }
```

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

```
.background{ background-color: rgb(0, 220,  
225) }
```

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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