

Converting Colors

YUV(164.0940, 16.7157,
-135.1404)

Have a look what the booklet for
YUV(164.0940, 16.7157, -135.1404)
contains.

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Color

**YUV(164.0940, 16.7157,
-135.1404)**

Conversions

Conversions Part 1

Format	Color
Hex	0AECC6
RGB	10, 236, 198
RGB Percent	4%, 93%, 78%
CMY	0.9608, 0.0745, 0.2235
CMYK	0.96, 0.00, 0.16, 0.07
HSL	170°, 92%, 48%
HSV	170°, 96%, 93%
XYZ	40.3137, 64.1327, 63.6802
YIQ	164.0940, -122.4980, -59.7300

Conversions

Conversions Part 2

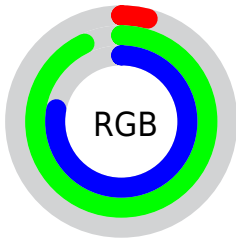
Format	Color
RYB	10, 133, 236
Decimal	715974
CIELab	84.03, -55.51, 5.22
CIElCh	84, 55.758, 174.629
Yxy	64.1327, 0.2398, 0.3815
Android (android.graphics.Color)	4278906054 (0xFF0AECC6)
YUV	164.0940, 16.7157, -135.1404
Hunter-Lab	80.0829, -50.2882, 8.9119

Details

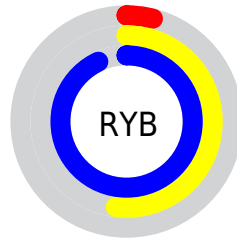
The YUV color **164.0940, 16.7157, -135.1404** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed cyan. A complement of this color would be **81.9060, -16.7157, 135.1404**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8410, 20.7844, -86.6836**, and **121.4890, 11.0979, -106.5459** is the 20% darker color. If you saturate the color by 10%, you get **160.8760, 17.3161, -141.0883**, and if you desaturate by 10%, it is **171.7260, 14.9251, -120.7857**.

Distribution



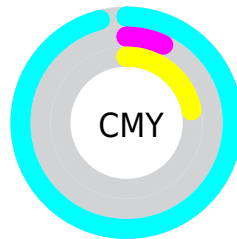
- Red (4%)
- Green (93%)
- Blue (78%)



- Red (4%)
- Yellow (52%)
- Blue (93%)



- Cyan (96%)
- Magenta (0%)
- Yellow (16%)
- Black (7%)



- Cyan (96%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.0940, 16.7157, -135.1404 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 164.0940, 16.7157, -135.1404 by changing the saturation by 10% instead.

164.0940, 16.7157,
-135.1404

164.0940, 16.7157,
-135.1404

255.0000, 0.0000,
0.0000

141.0030, 14.7885,
-123.6596

212.8410, 20.7844,
-86.6836

121.4890, 11.0979,
-106.5459

223.0070, 15.7725,
-65.7811

102.2030, 8.2809,
-89.6320

232.5750, 11.0555,
-46.1083

84.0910, 4.8851,
-73.7478

242.1430, 6.3385,
-26.4354

65.5060, 2.2155,
-57.4488

251.7110, 1.6215,
-6.7625

48.3230, -0.1592,
-42.3793

32.4280, -2.6760,

-28.4394

■ 13.6150, -6.2192,
-11.9404

■ 0.0000, 0.0000,
0.0000

■ 164.0940, 16.7157,
-135.1404

■ 164.0940, 16.7157,
-135.1404

■ 160.8760, 17.3161,
-141.0883

■ 171.7260, 14.9251,
-120.7857

■ 179.0590, 13.2819,
-107.0457

■ 186.6910, 11.4913,
-92.6910

■ 194.0240, 9.8482,
-78.9510

■ 201.6560, 8.0576,
-64.5963

■ 209.2880, 6.2670,
-50.2416

■ 216.6210, 4.6238,
-36.5016

■ 224.2530, 2.8333,
-22.1469

■ 231.5860, 1.1901,
-8.4069

Harmonies

Analogous

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



192.7200, -22.5400, -50.6204



164.0940, 16.7157, -135.1404



167.2600, 41.7768, -146.6870

Triad

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



164.0940, 16.7157, -135.1404



205.9710, 24.1713, -6.1136



198.5030, -36.2370, 49.5479

Complementary

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



164.0940, 16.7157, -135.1404



81.9060, -16.7157, 135.1404

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.



194.7140, -12.6770, 52.8708



164.0940, 16.7157, -135.1404



210.9750, 21.7043, 38.6099

Square

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



164.0940, 16.7157, -135.1404



185.4410, 34.2926, -79.3168



199.4680, 10.6153, 48.7016



205.6530, -50.6079, 38.8923

Rectangle

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



164.0940, 16.7157, -135.1404



165.8410, 43.9554, -145.4426



199.4680, 10.6153, 48.7016



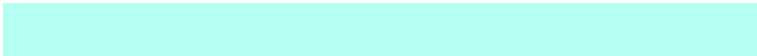
196.4630, -28.8223, 51.3369

Sweetspot

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



164.0940, 16.7157, -135.1404



231.5060, 5.6665, -44.2938



154.9210, -71.4461, -91.1387



113.6330, 3.1389, -26.8651



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.



164.0940, 16.7157, -135.1404



173.8530, 18.8065, -152.4691



126.1620, 54.1501, -101.8741



113.4830, 0.7479, -6.5626



123.4610, 13.5767, -108.2753



36.8280, 4.0288, -32.2982

Inverse Universe

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



81.9060, -16.7157, 135.1404



81.1470, -18.8065, 152.4691



119.8380, -54.1501, 101.8741



109.5170, -0.7479, 6.5626



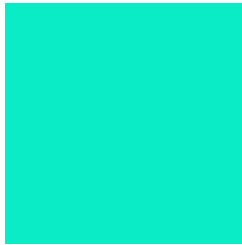
57.5390, -13.5767, 108.2753



17.1720, -4.0288, 32.2982

Previews

White Background



This preview shows how the YUV color 164.0940, 16.7157, -135.1404 looks on a white background.

Color Contrast Check

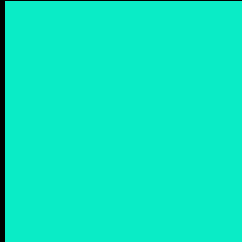
Large Text (above 18pt) WCAG AA × Fail

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 164.0940, 16.7157, -135.1404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

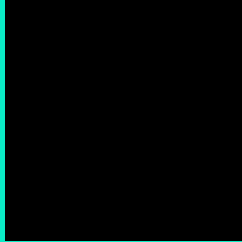
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

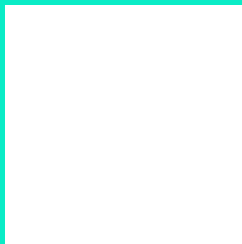
Any Text WCAG AAA ✓ Pass

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

YUV 164.0940, 16.7157, -135.1404 Background



This preview shows how black text looks on a background with the YUV color 164.0940, 16.7157, -135.1404.

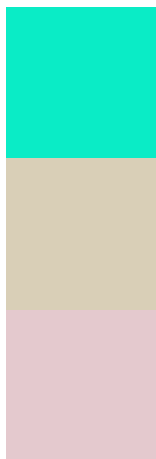


This preview shows how white text looks on a background with the YUV color 164.0940, 16.7157, -135.1404.

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

164.0940, 16.7157, -135.1404

Protanopia

207.2540, -11.9572, 8.5472

Deuteranopia

209.6430, -1.7960, 16.0991



Tritanopia

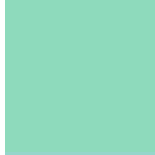
183.0270, 32.0317, -100.8787

Trichromacy



Original Color

164.0940, 16.7157, -135.1404



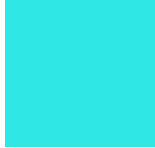
Protanomaly

191.8560, -1.9010, -43.7237



Deuteranomaly

193.3110, 4.7767, -38.8607



Tritanomaly

176.4570, 26.3967, -113.5338

Monochromacy



Original Color

164.0940, 16.7157, -135.1404



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.8860, 5.9722, -49.0120

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.0940, 16.7157, -135.1404 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(10, 236, 198)` looks like.

```
.text, #text, p{  
    color:rgb(10, 236, 198)  
}
```

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(10, 236, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 236, 198) }
```

Border

The CSS property to change the border of an element to YUV 164.0940, 16.7157, -135.1404 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(10, 236, 198) }
```


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

```
.border{ border-color:rgb(10, 236, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 236, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 236, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 236, 198);  
box-shadow:4px 4px 4px 4px rgb(10, 236,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 164.0940, 16.7157, -135.1404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 236, 198) }
```

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

```
.background{ background-color: rgb(10, 236,  
198) }
```

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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