

Converting Colors

YUV(165.0020, 12.8170,
-144.7068)

Have a look what the booklet for
YUV(165.0020, 12.8170, -144.7068)
contains.

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Color

**YUV(165.0020, 12.8170,
-144.7068)**

Conversions

Conversions Part 1

Format	Color
Hex	00F4BF
RGB	0, 244, 191
RGB Percent	0%, 96%, 75%
CMY	1.0000, 0.0431, 0.2510
CMYK	1.00, 0.00, 0.22, 0.04
HSL	167°, 100%, 48%
HSV	167°, 100%, 96%
XYZ	41.7547, 68.4630, 60.3042
YIQ	165.0020, -128.4110, -68.2110

Conversions

Conversions Part 2

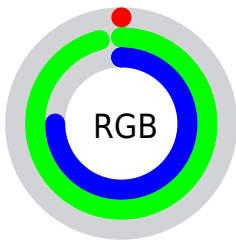
Format	Color
RYB	0, 137, 244
Decimal	62655
CIELab	86.24, -60.58, 12.03
CIELCh	86, 61.766, 168.772
Yxy	68.4630, 0.2449, 0.4015
Android (android.graphics.Color)	4278252735 (0xFF00F4BF)
YUV	165.0020, 12.8170, -144.7068
Hunter-Lab	82.7423, -54.7218, 14.7080

Details

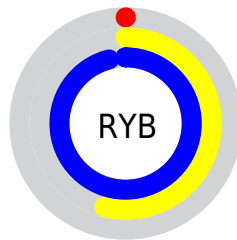
The YUV color **165.0020, 12.8170, -144.7068** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **78.9980, -12.8170, 144.7068**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9290, 17.2900, -85.8837**, and **124.9140, 6.4514, -109.5496** is the 20% darker color. If you saturate the color by 10%, you get **165.0020, 12.8170, -144.7068**, and if you desaturate by 10%, it is **172.7480, 11.4632, -130.4520**.

Distribution



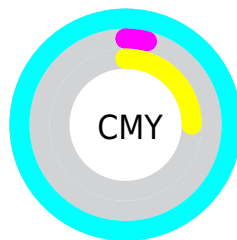
- Red (0%)
- Green (96%)
- Blue (75%)



- Red (0%)
- Yellow (54%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.0020, 12.8170, -144.7068 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 165.0020, 12.8170, -144.7068 by changing the saturation by 10% instead.

165.0020, 12.8170,
-144.7068

165.0020, 12.8170,
-144.7068

255.0000, 0.0000,
0.0000

144.9010, 9.4158,
-127.0782

211.9290, 17.2900,
-85.8837

124.9140, 6.4514,
-109.5496

223.0070, 15.7725,
-65.7811

106.1010, 2.9082,
-93.0506

232.8740, 10.9081,
-45.4935

86.9290, 0.5280,
-76.2367

242.4420, 6.1911,
-25.8206

68.9310, -2.4310,
-60.4525

252.0100, 1.4741,
-6.1478

51.1610, -4.5164,
-44.8682

34.6790, -6.7437,

-30.4135

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 165.0020, 12.8170,
-144.7068

■ 172.7480, 11.4632,
-130.4520

■ 180.9070, 10.3988,
-115.6824

■ 188.6530, 9.0451,
-101.4277

■ 196.6980, 7.5439,
-86.5581

■ 204.5580, 6.6269,
-72.4034

■ 212.3040, 5.2731,
-58.1486

■ 220.3490, 3.7719,
-43.2791

■ 228.0950, 2.4182,
-29.0243

■ 236.2540, 1.3538,
-14.2548

Harmonies

Analogous

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



198.2770, -30.7026, -45.8469



165.0020, 12.8170, -144.7068



172.5430, 39.1723, -151.3202

Triad

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



165.0020, 12.8170, -144.7068



206.7690, 23.7779, -19.9684



198.4860, -33.7636, 49.5628

Complementary

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



165.0020, 12.8170, -144.7068



78.9980, -12.8170, 144.7068

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.



195.4950, -7.1460, 52.1859



165.0020, 12.8170, -144.7068



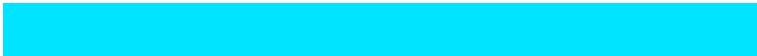
214.4970, 19.9680, 35.5211

Square

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



165.0020, 12.8170, -144.7068



162.9060, 45.4023, -142.8686



202.2210, 18.6250, 46.2872



207.7520, -54.1077, 41.4365

Rectangle

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



165.0020, 12.8170, -144.7068



171.7110, 41.0615, -150.5905



202.2210, 18.6250, 46.2872



196.6740, -25.4753, 51.1519

Sweetspot

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



165.0020, 12.8170, -144.7068



230.3380, 3.7774, -45.0234



160.2710, -79.0136, -90.5687



113.1060, 2.4127, -27.2800



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.



165.0020, 12.8170, -144.7068



172.4850, 13.5649, -151.2693



132.8890, 54.7777, -116.5437



118.1840, 0.8953, -7.1774



125.8260, 9.9458, -110.3494



39.8770, 3.0186, -34.9721

Inverse Universe

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



78.9980, -12.8170, 144.7068



82.5150, -13.5649, 151.2693



111.1110, -54.7777, 116.5437



113.9300, -0.4585, 7.0774



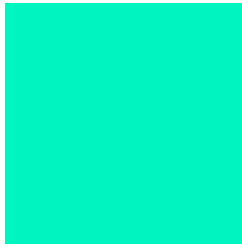
60.1740, -9.9458, 110.3494



19.1230, -3.0186, 34.9721

Previews

White Background



This preview shows how the YUV color 165.0020, 12.8170, -144.7068 looks on a white background.

Color Contrast Check

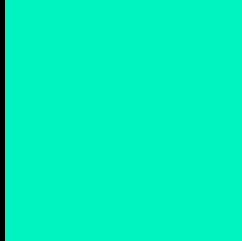
Large Text (above 18pt) WCAG AA × Fail

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 165.0020, 12.8170, -144.7068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

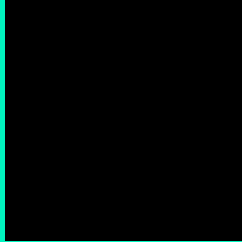
Any Text WCAG AA ✓ Pass

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 165.0020, 12.8170, -144.7068 Background



This preview shows how black text looks on a background with the YUV color 165.0020, 12.8170, -144.7068.

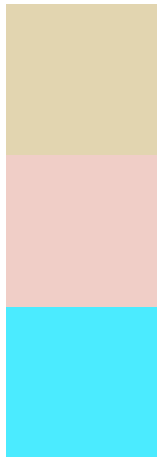


This preview shows how white text looks on a background with the YUV color 165.0020, 12.8170, -144.7068.

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

212.6690, -18.0778, 11.6913

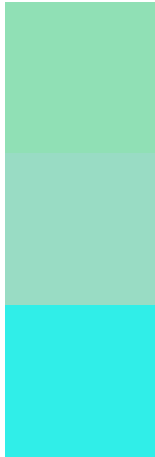
Deuteranopia

215.3680, -8.0694, 21.6023

Tritanopia

189.4400, 32.3211, -100.3639

Trichromacy



Protanomaly

195.1780, -6.9898, -44.8831

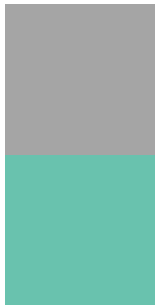
Deuteranomaly

197.2310, -0.6069, -38.7906

Tritanomaly

180.5060, 25.3865, -116.2078

Monochromacy



Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.1090, 4.3833, -52.7156

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.0020, 12.8170, -144.7068 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, 244, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 244, 191)  
}
```

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, 244, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 244, 191) }
```

Border

The CSS property to change the border of an element to YUV 165.0020, 12.8170, -144.7068 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, 244, 191) }
```

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

```
.border{ border-color:rgb(0, 244, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 244, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 244, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 244, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 244,  
191) }
```


Background

The CSS property to change the background color of an element to YUV 165.0020, 12.8170, -144.7068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 244, 191) }
```

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

```
.background{ background-color: rgb(0, 244,  
191) }
```

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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