

Converting Colors

YUV(174.4920, 9.6174,
-145.1365)

Have a look what the booklet for
YUV(174.4920, 9.6174, -145.1365)
contains.

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Color

**YUV(174.4920, 9.6174,
-145.1365)**

Conversions

Conversions Part 1

Format	Color
Hex	09FFC2
RGB	9, 255, 194
RGB Percent	4%, 100%, 76%
CMY	0.9647, 0.0000, 0.2392
CMYK	0.96, 0.00, 0.24, 0.00
HSL	165°, 100%, 52%
HSV	165°, 96%, 100%
XYZ	45.6103, 75.4731, 63.2028
YIQ	174.4920, -127.0350, -71.1230

Conversions

Conversions Part 2

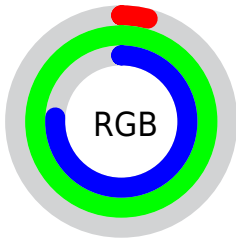
Format	Color
RYB	9, 149, 255
Decimal	655298
CIELab	89.61, -63.78, 15.26
CIELCh	90, 65.581, 166.547
Yxy	75.4731, 0.2475, 0.4095
Android (android.graphics.Color)	4278845378 (0xFF09FFC2)
YUV	174.4920, 9.6174, -145.1365
Hunter-Lab	86.8753, -58.3177, 17.6785

Details

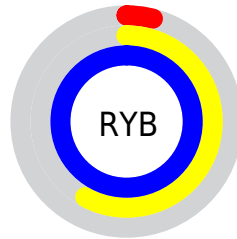
The YUV color **174.4920, 9.6174, -145.1365** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **89.5080, -9.6174, 145.1365**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5810, 18.4476, -83.8245**, and **131.5990, 4.1417, -115.4123** is the 20% darker color. If you saturate the color by 10%, you get **171.5730, 10.0705, -150.4695**, and if you desaturate by 10%, it is **182.6510, 8.5531, -130.3669**.

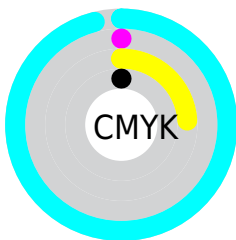
Distribution



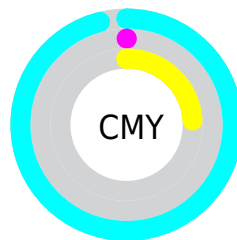
- Red (4%)
- Green (100%)
- Blue (76%)



- Red (4%)
- Yellow (58%)
- Blue (100%)



- Cyan (96%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (96%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.4920, 9.6174, -145.1365 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 174.4920, 9.6174, -145.1365 by changing the saturation by 10% instead.

174.4920, 9.6174,
-145.1365

174.4920, 9.6174,
-145.1365

255.0000, 0.0000,
0.0000

151.7000, 7.5429,
-133.0409

213.5810, 18.4476,
-83.8245

131.5990, 4.1417,
-115.4123

224.2030, 15.1829,
-63.3220

112.3130, 1.3247,
-98.4985

234.0700, 10.3185,
-43.0344

93.0270, -1.4923,
-81.5847

243.9370, 5.4541,
-22.7467

74.4420, -4.1619,
-65.2856

253.5050, 0.7370,
-3.0739

56.6720, -6.2473,
-49.7013

39.6030, -8.1853,

-34.7318

■ 22.8930, -11.2862,
-20.0772

■ 0.0000, 0.0000,
0.0000

■ 174.4920, 9.6174,
-145.1365

■ 174.4920, 9.6174,
-145.1365

■ 171.5730, 10.0705,
-150.4695

■ 182.6510, 8.5531,
-130.3669

■ 191.2230, 7.7781,
-115.0826

■ 199.6810, 6.5663,
-99.6982

■ 207.8400, 5.5019,
-84.9287

■ 216.4120, 4.7269,
-69.6443

■ 224.5710, 3.6625,
-54.8748

■ 233.0290, 2.4507,
-39.4904

■ 241.3020, 1.8231,
-24.8209

■ 249.7600, 0.6113,
-9.4365

Harmonies

Analogous

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



207.1370, -35.0705, -44.8471



174.4920, 9.6174, -145.1365



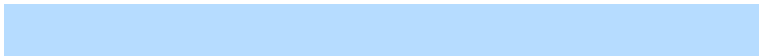
178.7550, 37.5888, -156.7681

Triad

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



174.4920, 9.6174, -145.1365



212.6280, 20.8894, -26.8608



202.8060, -32.4424, 45.7741

Complementary

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



174.4920, 9.6174, -145.1365



89.5080, -9.6174, 145.1365

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.



199.7980, -3.3514, 48.4122



174.4920, 9.6174, -145.1365



219.7800, 17.3635, 30.8879

Square

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



174.4920, 9.6174, -145.1365



169.9500, 41.9297, -149.0461



208.0400, 23.1513, 41.1839



212.0890, -55.2599, 37.6329

Rectangle

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



174.4920, 9.6174, -145.1365



178.7550, 37.5888, -156.7681



208.0400, 23.1513, 41.1839



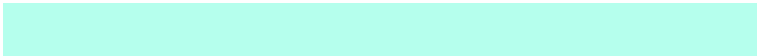
200.6350, -22.9911, 47.6781

Sweetspot

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



174.4920, 9.6174, -145.1365



230.8220, 3.0458, -43.6939



171.9400, -80.3294, -88.5244



113.1770, 1.3917, -26.4652



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.



174.4920, 9.6174, -145.1365



171.5730, 10.0705, -150.4695



145.6390, 53.9150, -119.8324



123.6570, 0.1691, -7.5922



128.5330, 7.6252, -112.7234



43.0400, 2.4453, -37.7461

Inverse Universe

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



89.5080, -9.6174, 145.1365



83.4270, -10.0705, 150.4695



118.9480, -54.2044, 119.3176



119.2290, -0.6059, 7.6922



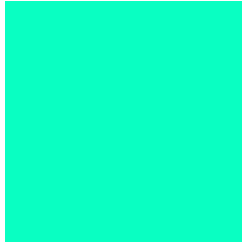
62.4670, -7.6252, 112.7234



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 174.4920, 9.6174, -145.1365 looks on a white background.

Color Contrast Check

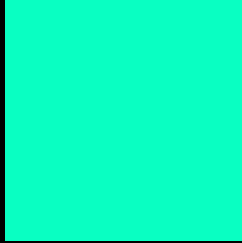
Large Text (above 18pt) WCAG AA × Fail

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 174.4920, 9.6174, -145.1365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

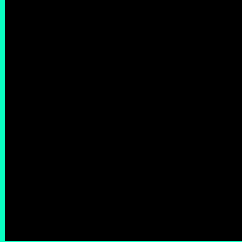
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.4920, 9.6174, -145.1365

Background



This preview shows how black text looks on a background with the YUV color 174.4920, 9.6174, -145.1365.

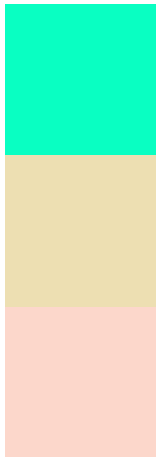


This preview shows how white text looks on a background with the YUV color 174.4920, 9.6174, -145.1365.

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

174.4920, 9.6174, -145.1365

Protanopia

222.0560, -21.7196, 13.1059

Deuteranopia

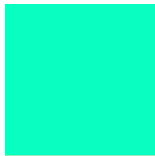
224.6950, -10.6956, 23.9465



Tritanopia

211.2120, 21.5875, -64.2069

Trichromacy



Original Color

174.4920, 9.6174, -145.1365



Protanomaly

204.9670, -10.3367, -44.6981



Deuteranomaly

206.8460, -3.3751, -37.5759



Tritanomaly

197.5860, 17.4591, -93.4759

Monochromacy



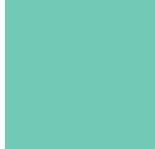
Original Color

174.4920, 9.6174, -145.1365



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.8810, 3.5097, -52.5156

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.4920, 9.6174, -145.1365 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(9, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(9, 255, 194)  
}
```

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(9, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 255, 194) }
```

Border

The CSS property to change the border of an element to YUV 174.4920, 9.6174, -145.1365 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(9, 255, 194) }
```


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

```
.border{ border-color:rgb(9, 255, 194) }
```

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

Here you see how a box with a 4 pixel rgb(9, 255, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(9, 255,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 174.4920, 9.6174, -145.1365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 255, 194) }
```

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

```
.background{ background-color: rgb(9, 255,  
194) }
```

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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