

Converting Colors

YUV(176.4120, 24.4469,
-141.5583)

Have a look what the booklet for
YUV(176.4120, 24.4469, -141.5583)
contains.

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Color

**YUV(176.4120, 24.4469,
-141.5583)**

Conversions

Conversions Part 1

Format	Color
Hex	0FF9E2
RGB	15, 249, 226
RGB Percent	6%, 98%, 89%
CMY	0.9412, 0.0235, 0.1137
CMYK	0.94, 0.00, 0.09, 0.02
HSL	174°, 95%, 52%
HSV	174°, 94%, 98%
XYZ	47.8002, 73.3439, 83.5890
YIQ	176.4120, -132.0810, -56.7610

Conversions

Conversions Part 2

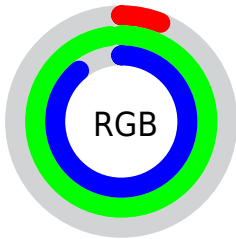
Format	Color
R _Y B	15, 138, 249
Decimal	1047010
CIE Lab	88.61, -53.29, -2.77
CIE LCh	89, 53.364, 182.970
Yxy	73.3439, 0.2335, 0.3582
Android (android.graphics.Color)	4279237090 (0xFF0FF9E2)
YUV	176.4120, 24.4469, -141.5583
Hunter-Lab	85.6411, -50.2429, 2.0794

Details

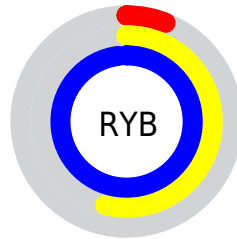
The YUV color **176.4120, 24.4469, -141.5583** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **87.5880, -24.4469, 141.5583**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3360, 20.0474, -83.6097**, and **131.6110, 19.4188, -115.4228** is the 20% darker color. If you saturate the color by 10%, you get **171.8130, 26.2212, -150.6800**, and if you desaturate by 10%, it is **184.1150, 21.6353, -126.3889**.

Distribution



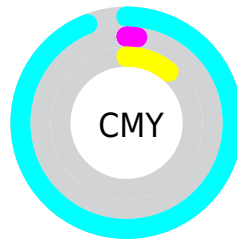
- Red (6%)
- Green (98%)
- Blue (89%)



- Red (6%)
- Yellow (54%)
- Blue (98%)



- Cyan (94%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)



- Cyan (94%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.4120, 24.4469, -141.5583 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 176.4120, 24.4469, -141.5583 by changing the saturation by 10% instead.

176.4120, 24.4469,
-141.5583

176.4120, 24.4469,
-141.5583

255.0000, 0.0000,
0.0000

151.7120, 22.8200,
-133.0514

214.3360, 20.0474,
-83.6097

131.6110, 19.4188,
-115.4228

224.8010, 14.8881,
-62.0925

112.6840, 15.4388,
-98.8239

234.6680, 10.0237,
-41.8048

93.9850, 12.3324,
-82.4248

244.5350, 5.1592,
-21.5172

75.2860, 9.2260,
-66.0258

254.1030, 0.4422,
-1.8443

57.9890, 6.4144,
-50.8564

40.6920, 3.6028,

-35.6869

■ 24.9110, 1.5229,
-21.8469

■ 0.1140, 0.4368,
-0.1000

■ 176.4120, 24.4469,
-141.5583

■ 176.4120, 24.4469,
-141.5583

■ 171.8130, 26.2212,
-150.6800

■ 184.1150, 21.6353,
-126.3889

■ 191.9320, 19.2605,
-111.3194

■ 199.6350, 16.4489,
-96.1499

■ 207.4520, 14.0742,
-81.0804

■ 214.8560, 11.4100,
-66.5257

■ 222.6730, 9.0352,
-51.4562

■ 230.3760, 6.2236,
-36.2868

■ 238.1930, 3.8489,
-21.2173

■ 245.8960, 1.0373,
-6.0478

Harmonies

Analogous

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



203.1190, -14.3557, -62.3714



176.4120, 24.4469, -141.5583



174.0590, 39.9039, -152.6497

Triad

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



176.4120, 24.4469, -141.5583



220.5450, 16.9863, 11.8000



210.5680, -38.2410, 38.9669

Complementary

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



176.4120, 24.4469, -141.5583



87.5880, -24.4469, 141.5583

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.



205.3940, -17.4492, 43.5045



176.4120, 24.4469, -141.5583



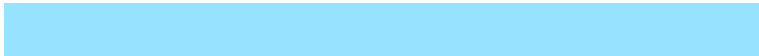
216.2580, 19.0998, 33.9767

Square

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



176.4120, 24.4469, -141.5583



206.8810, 23.7227, -49.0076



207.4580, 5.6902, 41.6943



217.7440, -48.6808, 27.4115

Rectangle

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



176.4120, 24.4469, -141.5583



171.7110, 41.0615, -150.5905



207.4580, 5.6902, 41.6943



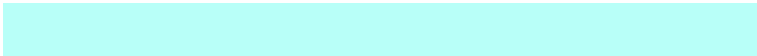
208.1860, -32.1367, 41.0559

Sweetspot

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



176.4120, 24.4469, -141.5583



232.9730, 7.4083, -42.9493



159.2350, -71.1079, -106.3231



114.2740, 4.3019, -26.5503



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.



176.4120, 24.4469, -141.5583



175.9050, 26.6688, -154.2687



123.8560, 61.6960, -95.4667



120.9990, 1.4795, -7.8921



130.3230, 19.5608, -114.2933



42.0770, 6.3710, -36.9015

Inverse Universe

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



87.5880, -24.4469, 141.5583



79.0950, -26.6688, 154.2687



140.1440, -61.6960, 95.4667



116.1150, -1.0427, 7.7921



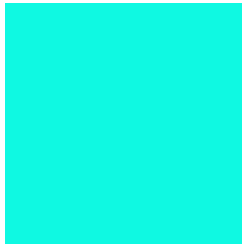
58.6770, -19.5608, 114.2933



18.9230, -6.3710, 36.9015

Previews

White Background



This preview shows how the YUV color 176.4120, 24.4469, -141.5583 looks on a white background.

Color Contrast Check

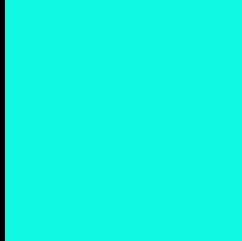
Large Text (above 18pt) WCAG AA × Fail

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 176.4120, 24.4469, -141.5583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

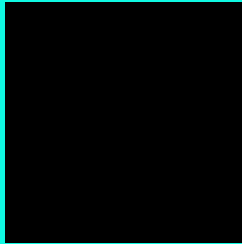
Any Text WCAG AA ✓ Pass

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 176.4120, 24.4469, -141.5583 Background



This preview shows how black text looks on a background with the YUV color 176.4120, 24.4469, -141.5583.



This preview shows how white text looks on a background with the YUV color 176.4120, 24.4469, -141.5583.

Color Blindness Simulation

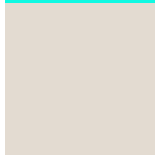
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



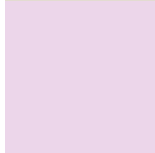
Original Color

176.4120, 24.4469, -141.5583



Protanopia

220.2520, -5.5472, 5.9180



Deuteranopia

222.8580, 5.4930, 11.5255



Tritanopia

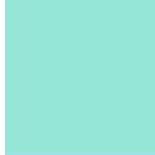
205.2430, 24.5302, -74.7581

Trichromacy



Original Color

176.4120, 24.4469, -141.5583



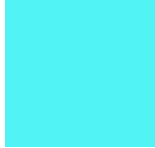
Protanomaly

204.3700, 5.2406, -47.6825



Deuteranomaly

206.2270, 12.2131, -44.0491



Tritanomaly

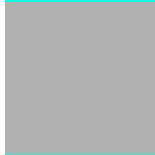
194.9750, 24.1693, -99.0791

Monochromacy



Original Color

176.4120, 24.4469, -141.5583



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

176.2600, 8.7458, -51.9710

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.4120, 24.4469, -141.5583 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(15, 249, 226)` looks like.

```
.text, #text, p{  
    color:rgb(15, 249, 226)  
}
```

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(15, 249, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 249, 226) }
```

Border

The CSS property to change the border of an element to YUV 176.4120, 24.4469, -141.5583 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(15, 249, 226) }
```


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

```
.border{ border-color:rgb(15, 249, 226) }
```

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

Here you see how a box with a 4 pixel rgb(15, 249, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 249, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 249, 226);  
box-shadow:4px 4px 4px 4px rgb(15, 249,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 176.4120, 24.4469, -141.5583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 249, 226) }
```

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

```
.background{ background-color: rgb(15, 249,  
226) }
```

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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