

Converting Colors

YUV(165.2690, -9.0066,
-144.9409)

Have a look what the booklet for
YUV(165.2690, -9.0066, -144.9409)
contains.

YUV(165.2690, -9.0066, -144.9409)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(165.2690, -9.0066,
-144.9409)**

Conversions

Conversions Part 1

Format	Color
Hex	00FD93
RGB	0, 253, 147
RGB Percent	0%, 99%, 58%
CMY	1.0000, 0.0078, 0.4235
CMYK	1.00, 0.00, 0.42, 0.01
HSL	155°, 100%, 50%
HSV	155°, 100%, 99%
XYZ	40.3917, 72.3571, 39.4412
YIQ	165.2690, -116.7620, -86.6020

Conversions

Conversions Part 2

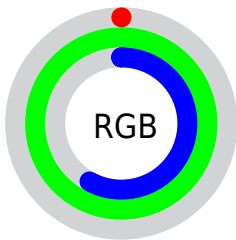
Format	Color
RYB	0, 160, 253
Decimal	64915
CIELab	88.14, -72.97, 36.98
CIELCh	88, 81.804, 153.122
Yxy	72.3571, 0.2654, 0.4754
Android (android.graphics.Color)	4278254995 (0xFF00FD93)
YUV	165.2690, -9.0066, -144.9409
Hunter-Lab	85.0630, -64.1004, 32.0531

Details

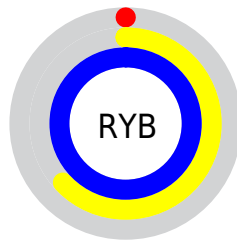
The YUV color **165.2690, -9.0066, -144.9409** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **87.7310, 9.0066, 144.9409**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.0980, -2.5133, -80.7699**, and **125.2950, -14.9354, -109.8837** is the 20% darker color. If you saturate the color by 10%, you get **165.2690, -9.0066, -144.9409**, and if you desaturate by 10%, it is **173.9980, -7.8870, -130.6712**.

Distribution



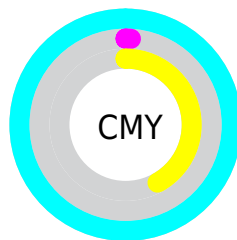
- Red (0%)
- Green (99%)
- Blue (58%)



- Red (0%)
- Yellow (63%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.2690, -9.0066, -144.9409 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 165.2690, -9.0066, -144.9409 by changing the saturation by 10% instead.


 165.2690, -9.0066,
-144.9409


 165.2690, -9.0066,
-144.9409


255.0000, 0.0000,
0.0000


 145.2820,
-11.9710, -127.4123


 207.0980, -2.5133,
-80.7699


 125.2950,
-14.9354, -109.8837


 220.7550, 4.5578,
-62.0521


 105.4220,
-17.4630, -92.4551


 233.4720, 10.6133,
-44.2639

 86.7230, -20.5694,
-76.0561

 243.0400, 5.8963,
-24.5911

 68.0240, -23.6758,
-59.6570

 252.6080, 1.1793,
-4.9182

 49.8950, -24.5982,
-43.7579

 35.8070, -17.6529,

-31.4027

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 165.2690, -9.0066,
-144.9409

■ 173.9980, -7.8870,
-130.6712

■ 182.9120, -7.3516,
-115.6868

■ 191.6410, -6.2320,
-101.4172

■ 200.2560, -5.5492,
-87.0475

■ 209.2840, -4.5770,
-72.1631

■ 218.0130, -3.4574,
-57.8934

■ 226.6280, -2.7746,
-43.5238

■ 235.3570, -1.6550,
-29.2541

■ 244.2710, -1.1196,
-14.2697

Harmonies

Analogous

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



202.4990, -60.8850, -24.9936



165.2690, -9.0066, -144.9409



175.5630, 25.3584, -153.9688

Triad

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



165.2690, -9.0066, -144.9409



162.3190, 45.6917, -142.3538



186.1250, -22.7396, 60.4034

Complementary

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



165.2690, -9.0066, -144.9409



87.7310, 9.0066, 144.9409

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.



186.5710, 14.5085, 60.0122



165.2690, -9.0066, -144.9409



214.3760, 20.0276, 16.3332

Square

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



165.2690, -9.0066, -144.9409



174.0590, 39.9039, -152.6497



200.9960, 26.6240, 47.3615



197.1400, -59.2290, 50.7432

Rectangle

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



165.2690, -9.0066, -144.9409



178.7550, 37.5888, -156.7681



200.9960, 26.6240, 47.3615



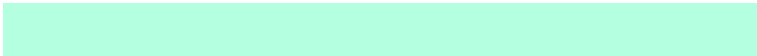
184.2790, -9.5045, 62.0223

Sweetspot

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



165.2690, -9.0066, -144.9409



228.6280, -2.7746, -43.5238



181.4010, -89.4307, -62.6187



111.9660, -1.9552, -26.2802



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.



165.2690, -9.0066, -144.9409



166.5570, -9.1486, -146.0705



167.3740, 42.2136, -146.7870



123.4290, -0.7045, -7.3922



124.7710, -6.7891, -109.4242



41.7860, -2.3595, -36.6463

Inverse Universe

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



87.7310, 9.0066, 144.9409



88.4430, 9.1486, 146.0705



85.6260, -42.2136, 146.7870



119.4570, 0.2677, 7.4922



66.2290, 6.7891, 109.4242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 165.2690, -9.0066, -144.9409 looks on a white background.

Color Contrast Check

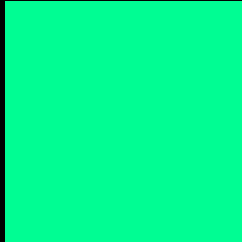
Large Text (above 18pt) WCAG AA × Fail

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 165.2690, -9.0066, -144.9409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

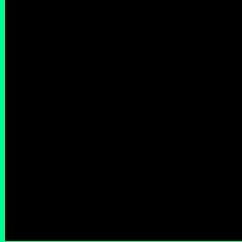
Any Text WCAG AA ✓ Pass

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 165.2690, -9.0066, -144.9409 Background



This preview shows how black text looks on a background with the YUV color 165.2690, -9.0066, -144.9409.



This preview shows how white text looks on a background with the YUV color 165.2690, -9.0066, -144.9409.

Color Blindness Simulation

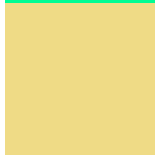
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



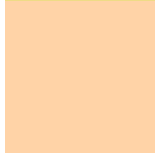
Original Color

165.2690, -9.0066, -144.9409



Protanopia

215.2900, -40.0760, 20.7937



Deuteranopia

219.1400, -25.7050, 31.4492



Tritanopia

203.7590, 25.2618, -76.0876

Trichromacy



Original Color

165.2690, -9.0066, -144.9409



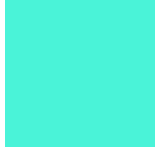
Protanomaly

196.8910, -28.5403, -39.3694



Deuteranomaly

199.3400, -19.3946, -32.7472



Tritanomaly

189.3910, 13.1182, -101.1979

Monochromacy



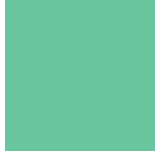
Original Color

165.2690, -9.0066, -144.9409



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.0460, -3.4737, -52.6603

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.2690, -9.0066, -144.9409 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, 253, 147)` looks like.

```
.text, #text, p{  
    color:rgb(0, 253, 147)  
}
```

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, 253, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 253, 147) }
```

Border

The CSS property to change the border of an element to YUV 165.2690, -9.0066, -144.9409 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, 253, 147) }
```


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

```
.border{ border-color:rgb(0, 253, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 253, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 253, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 253, 147);  
box-shadow:4px 4px 4px 4px rgb(0, 253,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 165.2690, -9.0066, -144.9409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 253, 147) }
```

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

```
.background{ background-color: rgb(0, 253,  
147) }
```

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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