

Converting Colors

YUV(150.8220, -0.8982,
-132.2709)

Have a look what the booklet for
YUV(150.8220, -0.8982, -132.2709)
contains.

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Color

**YUV(150.8220, -0.8982,
-132.2709)**

Conversions

Conversions Part 1

Format	Color
Hex	00E495
RGB	0, 228, 149
RGB Percent	0%, 89%, 58%
CMY	1.0000, 0.1059, 0.4157
CMYK	1.00, 0.00, 0.35, 0.11
HSL	159°, 100%, 45%
HSV	159°, 100%, 89%
XYZ	33.1682, 57.6567, 37.8145
YIQ	150.8220, -110.5290, -72.9050

Conversions

Conversions Part 2

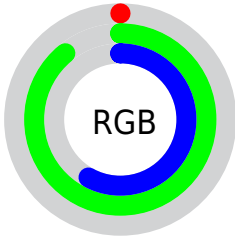
Format	Color
RYB	0, 138, 228
Decimal	58517
CIELab	80.55, -64.14, 25.88
CIELCh	81, 69.160, 158.025
Yxy	57.6567, 0.2578, 0.4482
Android (android.graphics.Color)	4278248597 (0xFF00E495)
YUV	150.8220, -0.8982, -132.2709
Hunter-Lab	75.9320, -54.9096, 23.6257

Details

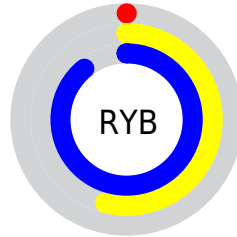
The YUV color **150.8220, -0.8982, -132.2709** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **77.1780, 0.8982, 132.2709**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.2330, -0.6079, -85.2733**, and **111.5490, -6.6797, -97.8285** is the 20% darker color. If you saturate the color by 10%, you get **150.8220, -0.8982, -132.2709**, and if you desaturate by 10%, it is **158.6110, -0.7942, -118.9308**.

Distribution



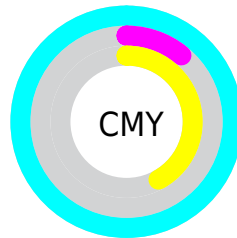
- Red (0%)
- Green (89%)
- Blue (58%)



- Red (0%)
- Yellow (54%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.8220, -0.8982, -132.2709 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 150.8220, -0.8982, -132.2709 by changing the saturation by 10% instead.

150.8220, -0.8982,
-132.2709

150.8220, -0.8982,
-132.2709

255.0000, 0.0000,
0.0000

130.8350, -3.8627,
-114.7423

205.2330, -0.6079,
-85.2733

111.5490, -6.6797,
-97.8285

218.5910, 6.6106,
-67.1703

92.2630, -9.4967,
-80.9147

230.7810, 11.9400,
-49.7969

74.3790, -12.0188,
-65.2304

240.0500, 7.3704,
-30.7388

55.9080, -14.2516,
-49.0313

249.6180, 2.6533,
-11.0660

38.4970, -17.5000,
-33.7619

24.0670, -11.8650,

-21.1068

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,
0.0000

■ 150.8220, -0.8982,
-132.2709

■ 158.6110, -0.7942,
-118.9308

■ 166.4000, -0.6902,
-105.5908

■ 173.8900, -0.4388,
-92.8655

■ 181.6790, -0.3347,
-79.5255

■ 189.4680, -0.2307,
-66.1854

■ 197.1430, -0.5635,
-52.7454

■ 204.9320, -0.4595,
-39.4054

■ 212.4220, -0.2080,
-26.6801

■ 220.2110, -0.1040,
-13.3400

Harmonies

Analogous

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



183.8910, -45.3023, -29.7224



150.8220, -0.8982, -132.2709



160.2210, 27.4990, -140.5138

Triad

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



150.8220, -0.8982, -132.2709



177.8540, 38.0330, -65.6470



180.7790, -27.9920, 65.0918

Complementary

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



150.8220, -0.8982, -132.2709



77.1780, 0.8982, 132.2709

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.



180.1020, 2.4147, 65.6855



150.8220, -0.8982, -132.2709



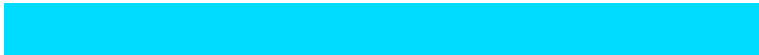
199.3690, 27.4261, 23.3554

Square

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



150.8220, -0.8982, -132.2709



158.2100, 47.7175, -138.7502



192.7950, 28.2021, 54.5538



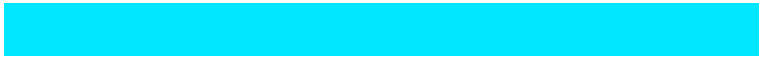
189.9820, -56.1931, 57.0208

Rectangle

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



150.8220, -0.8982, -132.2709



164.6670, 44.5342, -144.4130



192.7950, 28.2021, 54.5538



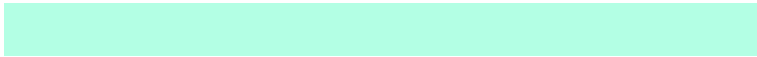
179.4230, -17.9565, 66.2810

Sweetspot

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



150.8220, -0.8982, -132.2709



229.1980, -0.5906, -44.0236



157.7560, -77.7737, -68.1920



112.4220, -0.2080, -26.6801



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.



150.8220, -0.8982, -132.2709



168.7230, -0.8494, -147.9701



139.8700, 43.4481, -122.6660



110.9560, 0.0217, -6.9774



118.4110, -0.6956, -103.8464



33.6990, -0.3446, -29.5540

Inverse Universe

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



77.1780, 0.8982, 132.2709



86.2770, 0.8494, 147.9701



88.1300, -43.4481, 122.6660



107.0440, -0.0217, 6.9774



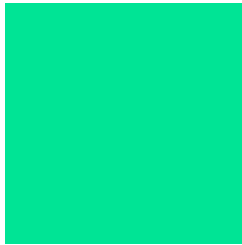
60.5890, 0.6956, 103.8464



17.3010, 0.3446, 29.5540

Previews

White Background



This preview shows how the YUV color 150.8220, -0.8982, -132.2709 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 150.8220, -0.8982, -132.2709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

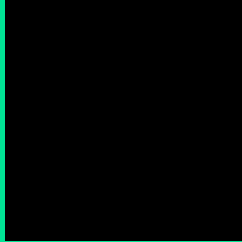
Any Text WCAG AA ✓ Pass

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 150.8220, -0.8982, -132.2709 Background



This preview shows how black text looks on a background with the YUV color 150.8220, -0.8982, -132.2709.



This preview shows how white text looks on a background with the YUV color 150.8220, -0.8982, -132.2709.

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

195.7160, -29.4400, 16.0351

Deuteranopia

198.6110, -20.0212, 28.4052

Tritanopia

178.0890, 28.0571, -86.0241

Trichromacy



Protanomaly

179.4210, -18.9416, -38.0802

Deuteranomaly

181.3710, -13.0009, -30.1434

Tritanomaly

168.2320, 17.6336, -102.8125

Monochromacy



Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.8770, -0.4324, -48.1271

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.8220, -0.8982, -132.2709 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, 228, 149)` looks like.

```
.text, #text, p{  
    color:rgb(0, 228, 149)  
}
```

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, 228, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 228, 149) }
```

Border

The CSS property to change the border of an element to YUV 150.8220, -0.8982, -132.2709 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, 228, 149) }
```

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

```
.border{ border-color:rgb(0, 228, 149) }
```

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

Here you see how a box with a 4 pixel rgb(0, 228, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 228, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 228, 149);  
box-shadow:4px 4px 4px 4px rgb(0, 228,  
149) }
```


Background

The CSS property to change the background color of an element to YUV 150.8220, -0.8982, -132.2709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 228, 149) }
```

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

```
.background{ background-color: rgb(0, 228,  
149) }
```

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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