

Converting Colors

YIQ(132.9700, -65.7730,
-113.1090)

Have a look what the booklet for
YIQ(132.9700, -65.7730, -113.1090)
contains.

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Color

**YIQ(132.9700, -65.7730,
-113.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	00E00D
RGB	0, 224, 13
RGB Percent	0%, 88%, 5%
CMY	1.0000, 0.1212, 0.9490
CMYK	1.00, 0.00, 0.94, 0.12
HSL	123°, 100%, 44%
HSV	123°, 100%, 88%
XYZ	26.7533, 53.3906, 9.2753
YIQ	132.9700, -65.7730, -113.1090

Conversions

Conversions Part 2

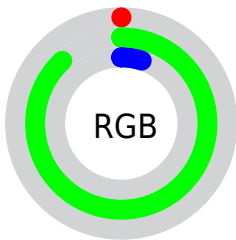
Format	Color
RYB	0, 212, 224
Decimal	57357
CIELab	78.11, -77.95, 74.25
CIELCh	78, 107.650, 136.391
Yxy	53.3906, 0.2992, 0.5971
Android (android.graphics.Color)	4278247437 (0xFF00E00D)
YUV	132.9700, -59.1452, -116.6147
Hunter-Lab	73.0689, -62.5149, 43.6220

Details

The YIQ color **132.9700, -65.7730, -113.1090** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **91.0300, 65.7730, 113.1090**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.0200, -32.5380, -82.1540**, and **98.0290, -45.9250, -87.3410** is the 20% darker color. If you saturate the color by 10%, you get **132.9700, -65.7730, -113.1090**, and if you desaturate by 10%, it is **141.9420, -59.4020, -101.9140**.

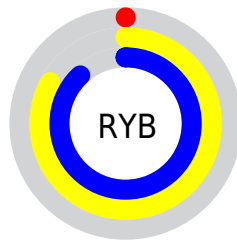
Distribution



Red (0%)

Green (88%)

Blue (5%)



Red (0%)

Yellow (83%)

Blue (88%)

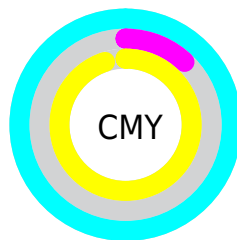


Cyan (100%)

Magenta (0%)

Yellow (94%)

Black (12%)



Cyan (100%)

Magenta (12%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.9700, -65.7730, -113.1090 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 YIQ color 132.9700, -65.7730, -113.1090 by changing the saturation by 10% instead.

■ 132.9700,
-65.7730, -113.1090

■ 132.9700,
-65.7730, -113.1090

■ 255.0000, -0.0000,
-0.0000

■ 114.4650,
-53.6250, -101.9850

■ 193.0200,
-32.5380, -82.1540

■ 98.0290, -45.9250,
-87.3410

■ 206.6060,
-21.9040, -65.6160

■ 81.5930, -38.2250,
-72.6970

■ 219.7790,
-11.5450, -49.6010

■ 65.7440, -30.8000,
-58.5760

■ 232.6530, -1.7820,
-33.7980

■ 50.4820, -23.6500,
-44.9780

■ 245.5270, 7.9810,
-17.9950

■ 36.3940, -17.0500,
-32.4260

■ 252.8340, 6.0990,

■ 20.5450, -9.6250,

-5.9090

-18.3050

■ 0.0000, 0.0000,
0.0000

■ 132.9700,
-65.7730, -113.1090

■ 141.9420,
-59.4020, -101.9140

■ 151.2130,
-52.4350, -90.5070

■ 160.1850,
-46.0640, -79.3120

■ 169.4560,
-39.0970, -67.9050

■ 178.5420,
-33.0470, -56.3990

■ 187.5140,
-26.6760, -45.2040

■ 196.7850,
-19.7090, -33.7970

■ 205.7570,
-13.3380, -22.6020

■ 215.0280, -6.3710,
-11.1950

Harmonies

Analogous

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



174.7530, 52.0970, -68.6310



132.9700, -65.7730, -113.1090



152.9590, -109.6570, -77.6970

Triad

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



132.9700, -65.7730, -113.1090



157.0360, -141.8050, -34.7090



127.2940, 89.5310, 67.9870

Complementary

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



132.9700, -65.7730, -113.1090



91.0300, 65.7730, 113.1090

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.



144.4500, 55.0020, 93.5460



132.9700, -65.7730, -113.1090



138.8390, -133.2800, -18.4960

Square

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



132.9700, -65.7730, -113.1090



165.8410, -145.9300, -42.5540



184.5600, 33.0000, 62.7600



152.1740, 104.9020, 4.1500

Rectangle

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



132.9700, -65.7730, -113.1090



162.8140, -133.2730, -57.1850



184.5600, 33.0000, 62.7600



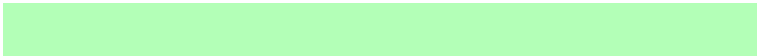
123.8980, 82.5590, 84.2150

Sweetspot

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



132.9700, -65.7730, -113.1090



224.0680, -22.1840, -38.5040



195.1750, 65.3480, -71.9960



109.2300, -13.2920, -23.4360



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.



132.9700, -65.7730, -113.1090



151.3950, -74.9400, -128.7000



145.5100, -101.0830, -78.8990



107.5710, -3.3460, -5.4420



104.4520, -51.6100, -88.9380



28.5180, -14.1630, -24.1710

Inverse Universe

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



91.0300, 65.7730, 113.1090



103.6050, 74.9400, 128.7000



78.4900, 101.0830, 78.8990



105.5430, 3.0250, 5.7530



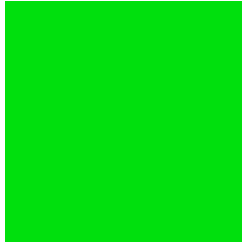
71.5480, 51.6100, 88.9380



19.5960, 13.8420, 24.4820

Previews

White Background



This preview shows how the YIQ color 132.9700, -65.7730, -113.1090 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 YIQ color 132.9700, -65.7730, -113.1090 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](#).

YIQ 132.9700, -65.7730, -113.1090 Background



This preview shows how black text looks on a background with the YIQ color 132.9700, -65.7730, -113.1090.



This preview shows how white text looks on a background with the YIQ color 132.9700, -65.7730, -113.1090.

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

132.9700, -65.7730, -113.1090

Protanopia

177.2880, 75.9360, -54.6240

Deuteranopia

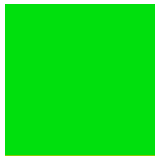
184.2940, 76.9400, -28.7560



Tritanopia

175.8520, -73.4010, -18.8810

Trichromacy



Original Color

132.9700, -65.7730, -113.1090



Protanomaly

161.2810, 23.9470, -76.0930



Deuteranomaly

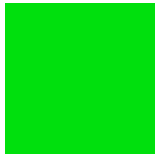
165.6040, 25.1360, -59.0880



Tritanomaly

160.4300, -70.5980, -53.1740

Monochromacy



Original Color

132.9700, -65.7730, -113.1090



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

133.0030, -23.5590, -41.1190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.9700, -65.7730, -113.1090 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, 224, 13)` looks like.

```
.text, #text, p{  
    color:rgb(0, 224, 13)  
}
```

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, 224, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 224, 13) }
```

Border

The CSS property to change the border of an element to YIQ 132.9700, -65.7730, -113.1090 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, 224, 13) }
```


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

```
.border{ border-color:rgb(0, 224, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 224, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 224, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 224, 13);  
box-shadow:4px 4px 4px 4px rgb(0, 224, 13)  
}
```

Background

The CSS property to change the background color of an element to YIQ 132.9700, -65.7730, -113.1090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 224, 13) }
```

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

```
.background{ background-color: rgb(0, 224,  
13) }
```

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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