

Converting Colors

YIQ(155.7630, -112.0410,
-78.5450)

Have a look what the booklet for
YIQ(155.7630, -112.0410, -78.5450)
contains.

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Color

**YIQ(155.7630, -112.0410,
-78.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	00ED92
RGB	0, 237, 146
RGB Percent	0%, 93%, 57%
CMY	0.9999, 0.0702, 0.4278
CMYK	1.00, 0.00, 0.38, 0.07
HSL	157°, 100%, 46%
HSV	157°, 100%, 93%
XYZ	35.4939, 62.6983, 37.3865
YIQ	155.7630, -112.0410, -78.5450

Conversions

Conversions Part 2

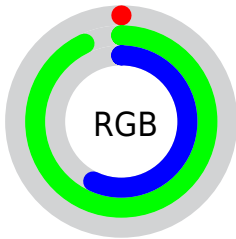
Format	Color
RYB	0, 147, 237
Decimal	60818
CIELab	83.28, -67.89, 31.13
CIELCh	83, 74.682, 155.366
Yxy	62.6983, 0.2618, 0.4624
Android (android.graphics.Color)	4278250898 (0xFF00ED92)
YUV	155.7630, -4.8132, -136.6042
Hunter-Lab	79.1823, -58.5554, 27.4334

Details

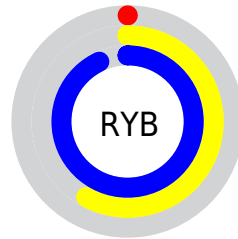
The YIQ color **155.7630, -112.0410, -78.5450** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **81.2370, 112.0410, 78.5450**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.7880, -68.4900, -47.3220**, and **116.3760, -79.6740, -64.9060** is the 20% darker color. If you saturate the color by 10%, you get **155.7630, -112.0410, -78.5450**, and if you desaturate by 10%, it is **163.9650, -100.6260, -70.6580**.

Distribution



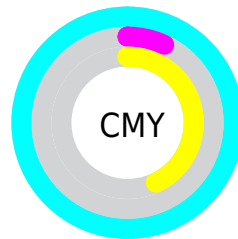
- Red (0%)
- Green (93%)
- Blue (57%)



- Red (0%)
- Yellow (58%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.7630, -112.0410, -78.5450 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 155.7630, -112.0410, -78.5450 by changing the saturation by 10% instead.

■ 155.7630,
-112.0410, -78.5450

■ 155.7630,
-112.0410, -78.5450

■ 255.0000, -0.0000,
-0.0000

■ 135.7760,
-95.7200, -71.4640

■ 205.6740,
-68.1690, -47.6330

■ 116.3760,
-79.6740, -64.9060

■ 219.1460,
-57.2140, -31.4060

■ 97.2040, -64.2700,
-57.7260

■ 231.6780,
-46.4880, -16.5360

■ 78.6190, -49.1410,
-51.0690

■ 241.2460,
-27.4160, -9.7520

■ 60.0340, -34.0120,
-44.4120

■ 250.8140, -8.3440,
-2.9680

■ 42.2640, -19.8000,
-37.6560

■ 28.7630, -13.4750,

-25.6270

■ 11.7400, -5.5000,
-10.4600

■ 0.0000, 0.0000,
0.0000

■ 155.7630,
-112.0410, -78.5450

■ 163.9650,
-100.6260, -70.6580

■ 171.8680,
-89.8070, -62.9830

■ 180.0700,
-78.3920, -55.0960

■ 188.2720,
-66.9770, -47.2090

■ 196.5880,
-55.8830, -39.0110

■ 204.4910,
-45.0640, -31.3360

■ 212.6930,
-33.6490, -23.4490

■ 220.8950,
-22.2340, -15.5620

■ 228.7980,
-11.4150, -7.8870

Harmonies

Analogous

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



189.7790, 5.6500, -58.3660



155.7630, -112.0410, -78.5450



166.3190, -136.2530, -58.2450

Triad

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



155.7630, -112.0410, -78.5450



173.5580, -98.7560, -16.4200



182.0500, 67.6250, 13.4250

Complementary

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



155.7630, -112.0410, -78.5450



81.2370, 112.0410, 78.5450

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.



181.5840, 49.6470, 41.8950



155.7630, -112.0410, -78.5450



204.3640, 3.1120, 31.7200

Square

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



155.7630, -112.0410, -78.5450



164.0800, -145.1050, -40.9850



195.7130, 27.7750, 52.8230



191.7430, 77.5340, -17.4900

Rectangle

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



155.7630, -112.0410, -78.5450



170.5370, -148.1300, -46.7380



195.7130, 27.7750, 52.8230



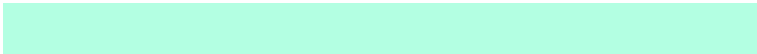
180.3350, 62.8090, 23.6170

Sweetspot

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



155.7630, -112.0410, -78.5450



228.9700, -35.9870, -25.1310



167.5240, -8.5550, -103.8110



112.1940, -21.6380, -15.3500



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.



155.7630, -112.0410, -78.5450



167.5830, -120.5220, -84.5380



152.0490, -134.6520, -37.6920



113.2550, -5.2720, -3.5760



118.9010, -85.4060, -60.1420



35.4600, -25.4430, -17.9790

Inverse Universe

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



81.2370, 112.0410, 78.5450



87.4170, 120.5220, 84.5380



84.9510, 134.6520, 37.6920



109.7450, 5.2720, 3.5760



62.0990, 85.4060, 60.1420



18.5400, 25.4430, 17.9790

Previews

White Background



This preview shows how the YIQ color 155.7630, -112.0410, -78.5450 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 155.7630, -112.0410, -78.5450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

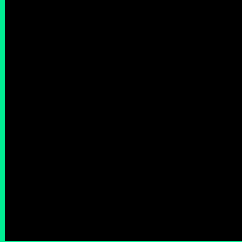
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

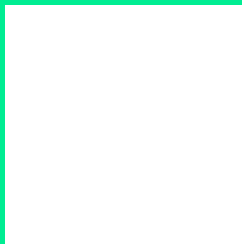
Any Text WCAG AAA ✓ Pass

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

YIQ 155.7630, -112.0410, -78.5450 Background



This preview shows how black text looks on a background with the YIQ color 155.7630, -112.0410, -78.5450.



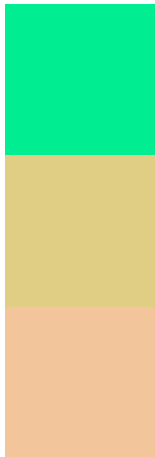
This preview shows how white text looks on a background with the YIQ color 155.7630, -112.0410, -78.5450.

-78.5450.

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

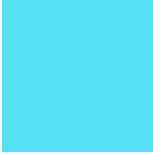
155.7630, -112.0410, -78.5450

Protanopia

203.0600, 34.1610, -18.8870

Deuteranopia

205.6670, 40.3020, -3.5220



Tritanopia

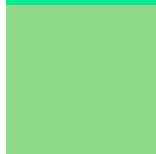
185.3060, -89.5390, -23.7710

Trichromacy



Original Color

155.7630, -112.0410, -78.5450



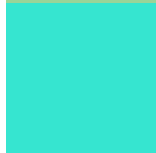
Protanomaly

185.8680, -18.7450, -40.2570



Deuteranomaly

187.8180, -15.3080, -30.9560



Tritanomaly

174.2810, -97.5590, -43.6310

Monochromacy



Original Color

155.7630, -112.0410, -78.5450



Achromatopsia

156.0000, -0.0000, -0.0000



Achromatomaly

155.5240, -40.6630, -28.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.7630, -112.0410, -78.5450 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, 237, 146)` looks like.

```
.text, #text, p{  
    color:rgb(0, 237, 146)  
}
```

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, 237, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 237, 146) }
```

Border

The CSS property to change the border of an element to YIQ 155.7630, -112.0410, -78.5450 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, 237, 146) }
```


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

```
.border{ border-color:rgb(0, 237, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 237, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 237, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 237, 146);  
box-shadow:4px 4px 4px 4px rgb(0, 237,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 155.7630, -112.0410, -78.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 237, 146) }
```

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

```
.background{ background-color: rgb(0, 237,  
146) }
```

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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