

Converting Colors

YIQ(155.3290, 14.8240,
-81.4640)

Have a look what the booklet for
YIQ(155.3290, 14.8240, -81.4640)
contains.

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Color

**YIQ(155.3290, 14.8240,
-81.4640)**

Conversions

Conversions Part 1

Format	Color
Hex	77CC00
RGB	119, 204, 0
RGB Percent	47%, 80%, 0%
CMY	0.5337, 0.1998, 0.9997
CMYK	0.42, 0.00, 1.00, 0.20
HSL	85°, 100%, 40%
HSV	85°, 100%, 80%
XYZ	29.1978, 47.1186, 7.5575
YIQ	155.3290, 14.8240, -81.4640

Conversions

Conversions Part 2

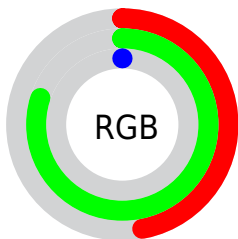
Format	Color
RYB	0, 204, 85
Decimal	7851008
CIELab	74.27, -51.71, 73.44
CIELCh	74, 89.813, 125.148
Yxy	47.1186, 0.3481, 0.5618
Android (android.graphics.Color)	4286041088 (0xFF77CC00)
YUV	155.3290, -76.5772, -31.8605
Hunter-Lab	68.6430, -44.1990, 41.5223

Details

The YIQ color **155.3290, 14.8240, -81.4640** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **48.6710, -14.8240, 81.4640**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **212.2550, 9.6410, -70.1270**, and **104.5060, -7.0030, -65.8430** is the 20% darker color. If you saturate the color by 10%, you get **155.3290, 14.8240, -81.4640**, and if you desaturate by 10%, it is **160.0010, 13.1720, -73.5480**.

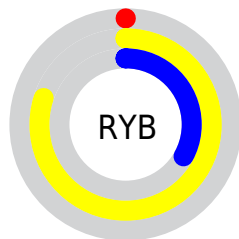
Distribution



Red (47%)

Green (80%)

Blue (0%)



Red (0%)

Yellow (80%)

Blue (33%)

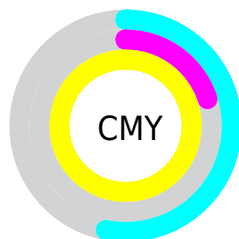


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (53%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.3290, 14.8240, -81.4640 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 155.3290, 14.8240, -81.4640 by changing the saturation by 10% instead.

■ 155.3290, 14.8240,
-81.4640

■ 155.3290, 14.8240,
-81.4640

■ 255.0000, -0.0000,
-0.0000

■ 129.9230, 4.6440,
-73.1800

■ 212.3690, 9.3200,
-69.8160

■ 104.5060, -7.0030,
-65.8430

■ 224.6450, 17.8910,
-54.4370

■ 76.9850, -24.2890,
-60.9370

■ 236.8070, 26.7830,
-39.3690

■ 56.9390, -26.6750,
-50.7310

■ 245.1960, 27.6060,
-26.7460

■ 42.2640, -19.8000,
-37.6560

■ 248.5020, 18.2970,
-17.7270

■ 28.7630, -13.4750,
-25.6270

■ 251.9220, 8.6670,

■ 14.0880, -6.6000,

-8.3970

-12.5520

■ 0.0000, 0.0000,
0.0000

■ 155.3290, 14.8240,
-81.4640

■ 160.0010, 13.1720,
-73.5480

■ 165.0860, 11.7950,
-65.1090

■ 169.7580, 10.1430,
-57.1930

■ 174.8430, 8.7660,
-48.7540

■ 179.5150, 7.1140,
-40.8380

■ 184.6000, 5.7370,
-32.3990

■ 189.5710, 4.6810,
-24.2710

■ 194.2430, 3.0290,
-16.3550

■ 199.3280, 1.6520,
-7.9160

Harmonies

Analogous

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



169.6020, 72.1760, -52.5600



155.3290, 14.8240, -81.4640



138.6310, -94.1140, -78.5460

Triad

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



155.3290, 14.8240, -81.4640



151.7530, -139.3300, -30.0020



146.9220, 72.8430, 62.0510

Complementary

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



155.3290, 14.8240, -81.4640



48.6710, -14.8240, 81.4640

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.



169.7710, 40.1960, 75.5240



155.3290, 14.8240, -81.4640



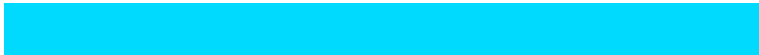
139.4260, -133.5550, -19.0190

Square

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



155.3290, 14.8240, -81.4640



157.0360, -141.8050, -34.7090



178.3820, -5.3260, 41.4740



152.4770, 91.6480, 24.0960

Rectangle

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



155.3290, 14.8240, -81.4640



146.8900, -113.2360, -62.3880



178.3820, -5.3260, 41.4740



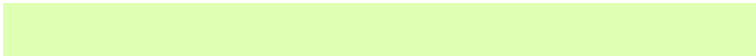
151.2880, 63.3050, 69.7130

Sweetspot

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



155.3290, 14.8240, -81.4640



236.7680, 5.3240, -30.4200



110.8910, 98.2090, -1.2070



116.7760, 2.8460, -18.5460



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.



155.3290, 14.8240, -81.4640



194.2360, 18.6790, -101.7770



124.8310, -45.9680, -103.0880



99.6640, 0.8260, -3.9580



126.4450, 12.1620, -66.2540



28.8840, 2.6620, -15.2100

Inverse Universe

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



48.6710, -14.8240, 81.4640



60.7640, -18.6790, 101.7770



79.1690, 45.9680, 103.0880



94.3360, -0.8260, 3.9580



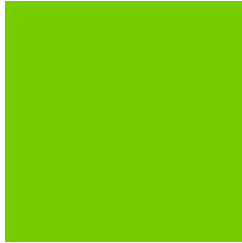
39.5550, -12.1620, 66.2540



9.1160, -2.6620, 15.2100

Previews

White Background



This preview shows how the YIQ color 155.3290, 14.8240, -81.4640 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 155.3290, 14.8240, -81.4640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

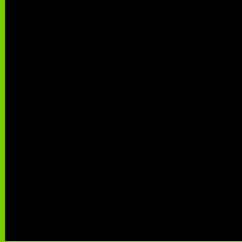
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.3290, 14.8240, -81.4640

Background



This preview shows how black text looks on a background with the YIQ color 155.3290, 14.8240, -81.4640.



This preview shows how white text looks on a background with the YIQ color 155.3290, 14.8240,

-81.4640.

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

155.3290, 14.8240, -81.4640

Protanopia

168.1290, 72.1300, -51.7260

Deuteranopia

174.1090, 76.0230, -28.6570



Tritanopia

177.6570, -32.8270, -5.2990

Trichromacy



Original Color

155.3290, 14.8240, -81.4640

Protanomaly

163.5560, 51.4540, -62.4820

Deuteranomaly

167.4830, 53.6980, -48.0780

Tritanomaly

169.3510, -15.4910, -33.1470

Monochromacy



Original Color

155.3290, 14.8240, -81.4640

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.2950, 5.2780, -29.5860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.3290, 14.8240, -81.4640 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(119, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(119, 204, 0)  
}
```

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(119, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 204, 0) }
```

Border

The CSS property to change the border of an element to YIQ 155.3290, 14.8240, -81.4640 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(119, 204, 0) }
```


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

```
.border{ border-color:rgb(119, 204, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 204, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(119, 204,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 155.3290, 14.8240, -81.4640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 204, 0) }
```

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

```
.background{ background-color: rgb(119,  
204, 0) }
```

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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