

Converting Colors

YIQ(155.7690, 2.4420, -66.3100)

Have a look what the booklet for
YIQ(155.7690, 2.4420, -66.3100)
contains.

YIQ(155.7690, 2.4420, -66.3100)	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

**YIQ(155.7690, 2.4420,
-66.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	75C628
RGB	117, 198, 40
RGB Percent	46%, 78%, 16%
CMY	0.5415, 0.2234, 0.8430
CMYK	0.41, 0.00, 0.80, 0.22
HSL	91°, 66%, 47%
HSV	91°, 80%, 78%
XYZ	27.9115, 44.3337, 9.0967
YIQ	155.7690, 2.4420, -66.3100

Conversions

Conversions Part 2

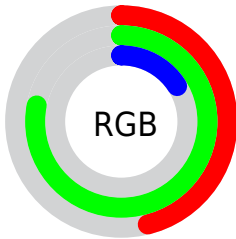
Format	Color
RYB	40, 198, 121
Decimal	7718440
CIELab	72.45, -48.91, 65.07
CIELCh	72, 81.403, 126.932
Yxy	44.3337, 0.3431, 0.5450
Android (android.graphics.Color)	4285908520 (0xFF75C628)
YUV	155.7690, -57.0741, -34.0004
Hunter-Lab	66.5836, -41.6950, 38.5083

Details

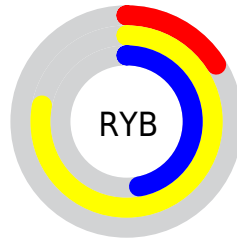
The YIQ color **155.7690, 2.4420, -66.3100** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **82.2310, -2.4420, 66.3100**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.2960, 2.3960, -65.4760**, and **101.2830, -4.7570, -62.4930** is the 20% darker color. If you saturate the color by 10%, you get **150.4990, 2.9020, -74.6500**, and if you desaturate by 10%, it is **161.0390, 1.9820, -57.9700**.

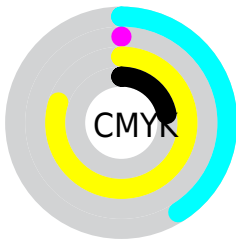
Distribution



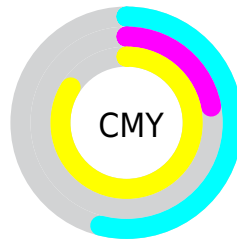
- Red (46%)
- Green (78%)
- Blue (16%)



- Red (16%)
- Yellow (78%)
- Blue (47%)



- Cyan (41%)
- Magenta (0%)
- Yellow (80%)
- Black (22%)



- Cyan (54%)
- Magenta (22%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.7690, 2.4420, -66.3100 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 155.7690, 2.4420, -66.3100 by changing the saturation by 10% instead.


 155.7690, 2.4420,
-66.3100


 155.7690, 2.4420,
-66.3100


255.0000, -0.0000,
-0.0000


 126.1020, 5.6980,
-70.2540


 213.2960, 2.3960,
-65.4760


 100.9840, -5.3530,
-62.7050


 225.1590, 10.6920,
-50.6200


 74.3600, -20.8510,
-57.1630


 237.3210, 19.5840,
-35.5520


 54.0040, -25.3000,
-48.1160

 246.7920, 23.1120,
-22.3920

 39.3290, -18.4250,
-35.0410

 250.0980, 13.8030,
-13.3730

 26.4150, -12.3750,
-23.5350

 253.5180, 4.1730,

 9.3920, -4.4000,

-4.0430

-8.3680

■ 0.0000, 0.0000,
0.0000

■ 155.7690, 2.4420,
-66.3100

■ 155.7690, 2.4420,
-66.3100

■ 150.4990, 2.9020,
-74.6500

■ 161.0390, 1.9820,
-57.9700

■ 145.2290, 3.3620,
-82.9900

■ 166.3090, 1.5220,
-49.6300

■ 144.9300, 2.7660,
-83.2020

■ 171.4650, 1.3830,
-41.6010

■ 177.0340, 1.5190,
-33.0490

■ 182.3040, 1.0590,
-24.7090

■ 187.5740, 0.5990,
-16.3690

■ 192.8440, 0.1390,
-8.0290

■ 198.0000, -0.0000,
0.0000

■ 203.2700, -0.4600,
8.3400

Harmonies

Analogous

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



164.5630, 67.9120, -52.3760



155.7690, 2.4420, -66.3100



135.3200, -94.4360, -72.7080

Triad

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



155.7690, 2.4420, -66.3100



147.0570, -137.1300, -25.8180



152.4670, 72.3860, 53.8100

Complementary

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



155.7690, 2.4420, -66.3100



82.2310, -2.4420, 66.3100

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.



170.2950, 44.2320, 68.4560



155.7690, 2.4420, -66.3100



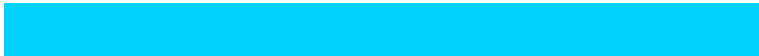
135.3170, -131.6300, -15.3580

Square

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



155.7690, 2.4420, -66.3100



152.3400, -139.6050, -30.5250



177.2190, -3.3090, 43.4670



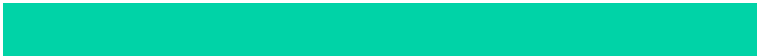
156.5860, 89.7230, 20.4350

Rectangle

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



155.7690, 2.4420, -66.3100



142.8950, -111.6320, -58.4160



177.2190, -3.3090, 43.4670



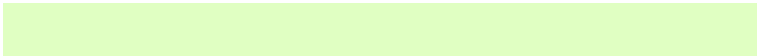
155.9040, 64.0860, 61.0620

Sweetspot

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



155.7690, 2.4420, -66.3100



238.7770, 1.1050, -25.5430



133.6150, 72.4430, -7.8210



118.1010, 0.5530, -15.5350



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.



155.7690, 2.4420, -66.3100



189.3960, 3.5490, -102.9070



132.7460, -43.4500, -82.6340



96.4790, -0.0910, -3.8590



119.3020, 2.2590, -68.5010



26.2150, 0.2320, -15.2240

Inverse Universe

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



82.2310, -2.4420, 66.3100



75.6040, -3.5490, 102.9070



105.2540, 43.4500, 82.6340



92.5210, 0.0910, 3.8590



43.6980, -2.2590, 68.5010



9.4860, -0.8280, 15.0120

Previews

White Background



This preview shows how the YIQ color 155.7690, 2.4420, -66.3100 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 155.7690, 2.4420, -66.3100 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 155.7690, 2.4420, -66.3100

Background



This preview shows how black text looks on a background with the YIQ color 155.7690, 2.4420, -66.3100.



This preview shows how white text looks on a background with the YIQ color 155.7690, 2.4420, -66.3100.

-66.3100.

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

155.7690, 2.4420, -66.3100

Protanopia

167.3900, 58.6940, -39.4980

Deuteranopia

170.9650, 67.8610, -23.9070



Tritanopia

172.2550, -31.6350, -4.8750

Trichromacy



Original Color

155.7690, 2.4420, -66.3100

Protanomaly

163.3440, 37.9720, -49.4200

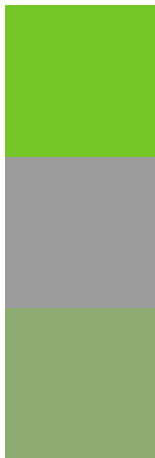
Deuteranomaly

165.4900, 43.7930, -39.2710

Tritanomaly

166.1860, -19.1600, -27.2240

Monochromacy



Original Color

155.7690, 2.4420, -66.3100

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.8310, 1.0130, -23.8750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.7690, 2.4420, -66.3100 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(117, 198, 40)` looks like.

```
.text, #text, p{  
    color:rgb(117, 198, 40)  
}
```

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(117, 198, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 198, 40) }
```

Border

The CSS property to change the border of an element to YIQ 155.7690, 2.4420, -66.3100 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(117, 198, 40) }
```


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

```
.border{ border-color:rgb(117, 198, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 198, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 198, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 198, 40);  
box-shadow:4px 4px 4px 4px rgb(117, 198,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 155.7690, 2.4420, -66.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 198, 40) }
```

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

```
.background{ background-color: rgb(117,  
198, 40) }
```

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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