

Converting Colors

YIQ(155.6920, 15.0730, 62.7610)

Have a look what the booklet for
YIQ(155.6920, 15.0730, 62.7610)
contains.

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Color

**YIQ(155.6920, 15.0730,
62.7610)**

Conversions

Conversions Part 1

Format	Color
Hex	D16FF6
RGB	209, 111, 246
RGB Percent	82%, 44%, 96%
CMY	0.1801, 0.5648, 0.0353
CMYK	0.15, 0.55, 0.00, 0.04
HSL	284°, 88%, 70%
HSV	284°, 55%, 96%
XYZ	48.6302, 31.5802, 90.7121
YIQ	155.6920, 15.0730, 62.7610

Conversions

Conversions Part 2

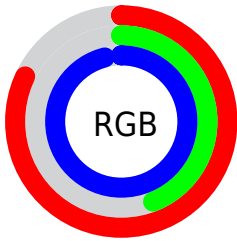
Format	Color
RYB	209, 111, 246
Decimal	13725686
CIELab	62.99, 59.41, -51.99
CIElCh	63, 78.952, 318.811
Yxy	31.5802, 0.2845, 0.1848
Android (android.graphics.Color)	4291915766 (0xFFD16FF6)
YUV	155.6920, 44.5218, 46.7511
Hunter-Lab	56.1963, 56.1239, -56.3686

Details

The YIQ color **155.6920, 15.0730, 62.7610** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **201.3080, -15.0730, -62.7610**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.7570, 24.4750, 46.5470**, and **99.5670, 13.9270, 61.5030** is the 20% darker color. If you saturate the color by 10%, you get **138.9240, 17.7760, 74.3520**, and if you desaturate by 10%, it is **172.4600, 12.3700, 51.1700**.

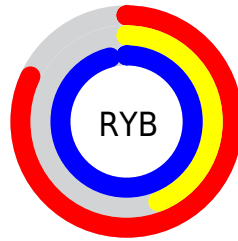
Distribution



Red (82%)

Green (44%)

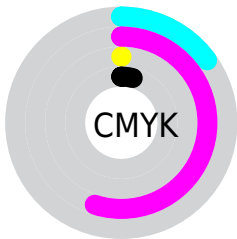
Blue (96%)



Red (82%)

Yellow (44%)

Blue (96%)

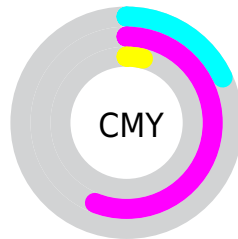


Cyan (15%)

Magenta (55%)

Yellow (0%)

Black (4%)



Cyan (18%)

Magenta (56%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.6920, 15.0730, 62.7610 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 155.6920, 15.0730, 62.7610 by changing the saturation by 10% instead.

155.6920, 15.0730,
62.7610

155.6920, 15.0730,
62.7610

255.0000, -0.0000,
-0.0000

127.8660, 14.5230,
61.7150

202.7570, 24.4750,
46.5470

99.8660, 14.5230,
61.7150

219.1930, 16.7750,
31.9030

70.1050, 15.3480,
63.2840

236.2160, 8.8000,
16.7360

44.0940, 13.8810,
62.3370

253.8260, 0.5500,
1.0460

32.7580, 5.5390,
48.3150

22.1340, -1.9320,
35.0280

8.9330, -15.0880,

20.1440

■ 5.3920, -12.4270,
10.4610

■ 2.0690, -4.4480,
3.5200

■ 155.6920, 15.0730,
62.7610

■ 155.6920, 15.0730,
62.7610

■ 138.9240, 17.7760,
74.3520

■ 172.4600, 12.3700,
51.1700

■ 123.0420, 20.8000,
85.6320

■ 188.6410, 9.9420,
40.1020

■ 106.2740, 23.5030,
97.2230

■ 205.1100, 6.6430,
28.2990

■ 90.0930, 25.9310,
108.2910

■ 221.2910, 4.2150,
17.2310

81.5650, 27.7180,
114.4540

238.0590, 1.5120,
5.6400

252.1800, -0.6870,
-4.0710

253.9740, 2.8890,
-2.7990

Harmonies

Analogous

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



138.7030, -72.8580, 20.8540



155.6920, 15.0730, 62.7610



142.1920, 72.3830, 70.3910

Triad

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



155.6920, 15.0730, 62.7610



143.4750, 83.6800, -29.7600



130.3520, -113.5160, -35.2760

Complementary

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



155.6920, 15.0730, 62.7610



201.3080, -15.0730, -62.7610

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.



120.8560, -89.5330, -56.9330



155.6920, 15.0730, 62.7610



137.5520, 40.0820, -54.6220

Square

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



155.6920, 15.0730, 62.7610



143.8740, 106.0470, 10.9350



120.8580, -40.2890, -68.3290



134.7300, -131.3550, -14.8350

Rectangle

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



155.6920, 15.0730, 62.7610



133.3120, 89.1200, 58.9120



120.8580, -40.2890, -68.3290



127.6160, -105.8120, -42.7400

Sweetspot

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



155.6920, 15.0730, 62.7610



227.6440, 4.7190, 19.1110



148.6960, -53.7850, 22.1110



111.2320, 2.7030, 11.5910



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.



155.6920, 15.0730, 62.7610



142.6300, 18.7840, 78.1120



163.4490, 46.4340, 61.5860



114.0590, 1.5120, 5.6400



61.5690, 20.7540, 86.4660



19.5830, 6.6890, 27.4650

Inverse Universe

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



155.5830, 68.5830, 40.1270



142.4760, 85.3620, 49.9220



193.5510, -46.4340, -61.5860



114.0440, 5.8680, 3.7880



61.4280, 94.4850, 55.2930



19.4650, 30.0280, 17.4840

Previews

White Background



This preview shows how the YIQ color 155.6920, 15.0730, 62.7610 looks on a white background.

Color Contrast Check

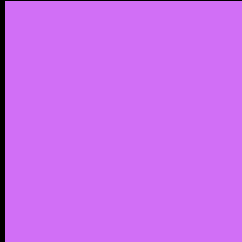
Large Text (above 18pt) WCAG AA × Fail

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 155.6920, 15.0730, 62.7610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

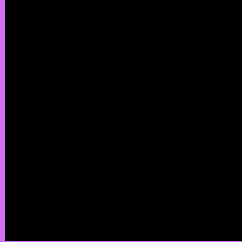
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.6920, 15.0730, 62.7610

Background



This preview shows how black text looks on a background with the YIQ color 155.6920, 15.0730, 62.7610.



This preview shows how white text looks on a background with the YIQ color 155.6920, 15.0730,

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

155.6920, 15.0730, 62.7610

Protanopia

148.8250, -58.4620, 24.2740

Deuteranopia

148.9360, -54.7010, 16.6830



Tritanopia

155.4820, 31.3580, 15.4060

Trichromacy



Original Color

155.6920, 15.0730, 62.7610



Protanomaly

151.3280, -31.5970, 38.5070



Deuteranomaly

151.5360, -29.4870, 33.3050



Tritanomaly

155.7980, 25.2570, 32.3690

Monochromacy



Original Color

155.6920, 15.0730, 62.7610



Achromatopsia

156.0000, -0.0000, -0.0000



Achromatomaly

156.0510, 5.1310, 22.6590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.6920, 15.0730, 62.7610 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(209, 111, 246)` looks like.

```
.text, #text, p{  
    color:rgb(209, 111, 246)  
}
```

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(209, 111, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 111, 246) }
```

Border

The CSS property to change the border of an element to YIQ 155.6920, 15.0730, 62.7610 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(209, 111, 246) }
```


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

```
.border{ border-color:rgb(209, 111, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 111, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 111, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 111, 246);  
box-shadow:4px 4px 4px 4px rgb(209, 111,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 155.6920, 15.0730, 62.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 111, 246) }
```

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

```
.background{ background-color: rgb(209,  
111, 246) }
```

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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