

Converting Colors

YIQ(171.9600, -1.3820, 36.0740)

Have a look what the booklet for
YIQ(171.9600, -1.3820, 36.0740)
contains.

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Color

**YIQ(171.9600, -1.3820,
36.0740)**

Conversions

Conversions Part 1

Format	Color
Hex	C195EB
RGB	193, 149, 235
RGB Percent	76%, 58%, 92%
CMY	0.2430, 0.4157, 0.0785
CMYK	0.18, 0.37, 0.00, 0.08
HSL	271°, 68%, 75%
HSV	271°, 37%, 92%
XYZ	47.7399, 38.8290, 83.5619
YIQ	171.9600, -1.3820, 36.0740

Conversions

Conversions Part 2

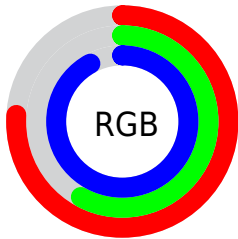
Format	Color
RYB	193, 149, 235
Decimal	12686827
CIELab	68.63, 32.68, -37.20
CIELCh	69, 49.516, 311.298
Yxy	38.8290, 0.2806, 0.2282
Android (android.graphics.Color)	4290876907 (0xFFC195EB)
YUV	171.9600, 31.0787, 18.4521
Hunter-Lab	62.3129, 27.7070, -35.8892

Details

The YIQ color **171.9600, -1.3820, 36.0740** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **212.0400, 1.3820, -36.0740**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.8670, 11.6410, 25.8250**, and **119.1940, -2.1610, 33.6710** is the 20% darker color. If you saturate the color by 10%, you get **154.5830, -1.3380, 46.2940**, and if you desaturate by 10%, it is **189.0490, -0.5550, 26.5890**.

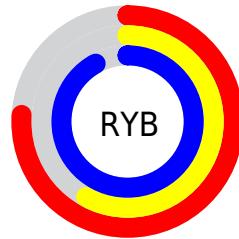
Distribution



Red (76%)

Green (58%)

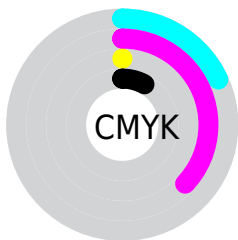
Blue (92%)



Red (76%)

Yellow (58%)

Blue (92%)

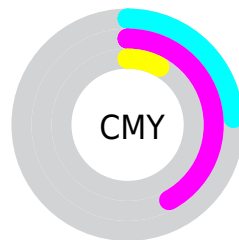


Cyan (18%)

Magenta (37%)

Yellow (0%)

Black (8%)



Cyan (24%)

Magenta (42%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.9600, -1.3820, 36.0740 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 171.9600, -1.3820, 36.0740 by changing the saturation by 10% instead.

■ 171.9600, -1.3820,
36.0740

■ 171.9600, -1.3820,
36.0740

■ 255.0000, -0.0000,
-0.0000

■ 145.1340, -1.9320,
35.0280

■ 223.8670, 11.6410,
25.8250

■ 118.6070, -1.8860,
34.1940

■ 241.4990, 6.3250,
12.0290

■ 93.6670, -2.1150,
32.8370

■ 68.8410, -2.6650,
31.7910

■ 45.1890, -3.7650,
29.6990

■ 21.4770, -4.6360,
28.9640

■ 10.5270, -8.0730,

19.6630

■ 4.5940, -10.1800,
8.2840

■ 0.1140, -0.3210,
0.3110

■ 171.9600, -1.3820,
36.0740

■ 171.9600, -1.3820,
36.0740

■ 154.5830, -1.3380,
46.2940

■ 189.0490, -0.5550,
26.5890

■ 137.4940, -2.1650,
55.7790

■ 206.4260, -0.5990,
16.3690

■ 120.1170, -2.1210,
65.9990

■ 223.2160, -0.3680,
6.6720

■ 103.0280, -2.9480,
75.4840

■ 240.8920, 0.1840,
-3.3360

■ 85.6510, -2.9040,
85.7040

■ 251.2250, 3.4400,
-7.2800

■ 68.5620, -3.7310,
95.1890

■ 252.7200, 6.4200,
-6.2200

■ 62.6700, -3.9150,
98.5250

Harmonies

Analogous

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



163.2890, -54.1970, 18.5630



171.9600, -1.3820, 36.0740



171.6800, 40.5690, 41.2170

Triad

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



171.9600, -1.3820, 36.0740



165.2160, 60.3850, -9.5590



132.3920, -110.9930, -42.4570

Complementary

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



171.9600, -1.3820, 36.0740



212.0400, 1.3820, -36.0740

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.



143.9140, -59.9170, -42.9970



171.9600, -1.3820, 36.0740



161.6760, 34.9420, -27.5380

Square

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



171.9600, -1.3820, 36.0740



167.0890, 71.8890, 13.2410



156.5770, -4.6240, -37.3600



136.0060, -123.9250, -28.3490

Rectangle

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



171.9600, -1.3820, 36.0740



169.7990, 59.0470, 36.7350



156.5770, -4.6240, -37.3600



130.6820, -106.1780, -47.1220

Sweetspot

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



171.9600, -1.3820, 36.0740



234.3780, -0.6440, 11.6760



184.0450, -39.4310, 4.2570



115.3300, -0.6890, 6.9830



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.



171.9600, -1.3820, 36.0740



172.8110, -1.9800, 46.9160



184.5180, 23.6500, 44.9780



109.0480, 0.0450, 4.6930



48.4410, -2.6730, 76.0070



14.2290, -1.2420, 22.5180

Inverse Universe

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



179.5020, 37.7740, 31.2940



182.7580, 49.0970, 40.8490



199.4820, -23.6500, -44.9780



109.8590, 4.9510, 3.8870



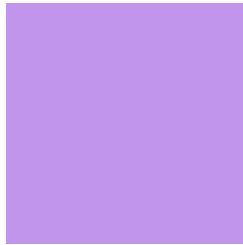
64.1510, 79.6280, 65.7400



19.1100, 23.8380, 19.5340

Previews

White Background



This preview shows how the YIQ color 171.9600, -1.3820, 36.0740 looks on a white background.

Color Contrast Check

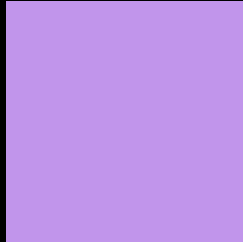
Large Text (above 18pt) WCAG AA × Fail

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 171.9600, -1.3820, 36.0740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

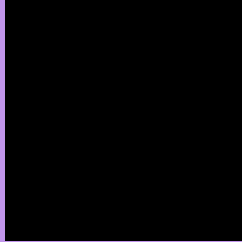
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.9600, -1.3820, 36.0740

Background



This preview shows how black text looks on a background with the YIQ color 171.9600, -1.3820, 36.0740.



This preview shows how white text looks on a background with the YIQ color 171.9600, -1.3820,

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

171.9600, -1.3820, 36.0740

Protanopia

166.9870, -41.5430, 20.5130

Deuteranopia

167.8430, -32.5100, 16.4980



Tritanopia

169.6470, 8.6640, 8.1840

Trichromacy



Original Color

171.9600, -1.3820, 36.0740

Protanomaly

168.5760, -26.9640, 26.1240

Deuteranomaly

169.5180, -21.0490, 23.5510

Tritanomaly

170.4160, 5.3610, 18.4890

Monochromacy



Original Color

171.9600, -1.3820, 36.0740

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.3180, -0.4150, 13.0330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.9600, -1.3820, 36.0740 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(193, 149, 235)` looks like.

```
.text, #text, p{  
    color:rgb(193, 149, 235)  
}
```

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(193, 149, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 149, 235) }
```

Border

The CSS property to change the border of an element to YIQ 171.9600, -1.3820, 36.0740 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(193, 149, 235) }
```


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

```
.border{ border-color:rgb(193, 149, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 149, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 149, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 149, 235);  
box-shadow:4px 4px 4px 4px rgb(193, 149,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 171.9600, -1.3820, 36.0740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 149, 235) }
```

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

```
.background{ background-color: rgb(193,  
149, 235) }
```

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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