

Converting Colors

YIQ(159.5330, 10.1260, 36.7660)

Have a look what the booklet for
YIQ(159.5330, 10.1260, 36.7660)
contains.

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Color

**YIQ(159.5330, 10.1260,
36.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	C085D3
RGB	192, 133, 211
RGB Percent	75%, 52%, 83%
CMY	0.2469, 0.4785, 0.1726
CMYK	0.09, 0.37, 0.00, 0.17
HSL	285°, 47%, 67%
HSV	285°, 37%, 83%
XYZ	41.8918, 32.6840, 65.7253
YIQ	159.5330, 10.1260, 36.7660

Conversions

Conversions Part 2

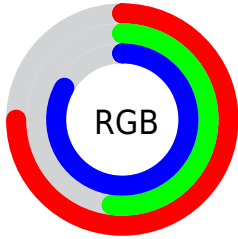
Format	Color
R_{YB}	192, 133, 211
Decimal	12617171
CIE Lab	63.90, 36.10, -31.26
CIE LCh	64, 47.751, 319.106
Yxy	32.6840, 0.2986, 0.2330
Android (android.graphics.Color)	4290807251 (0xFFC085D3)
YUV	159.5330, 25.3732, 28.4736
Hunter-Lab	57.1699, 30.7503, -28.1438

Details

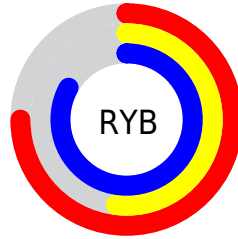
The YIQ color **159.5330, 10.1260, 36.7660** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **184.4670, -10.1260, -36.7660**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.2900, 15.1240, 34.2920**, and **106.8810, 9.0260, 34.6740** is the 20% darker color. If you saturate the color by 10%, you get **145.7110, 12.9210, 46.6890**, and if you desaturate by 10%, it is **173.3550, 7.3310, 26.8430**.

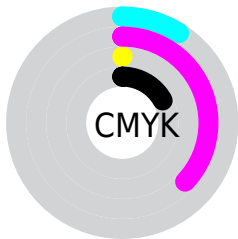
Distribution



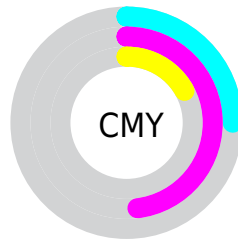
- Red (75%)
- Green (52%)
- Blue (83%)



- Red (75%)
- Yellow (52%)
- Blue (83%)



- Cyan (9%)
- Magenta (37%)
- Yellow (0%)
- Black (17%)



- Cyan (25%)
- Magenta (48%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.5330, 10.1260, 36.7660 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 159.5330, 10.1260, 36.7660 by changing the saturation by 10% instead.

159.5330, 10.1260,
36.7660

159.5330, 10.1260,
36.7660

255.0000, -0.0000,
-0.0000

132.7070, 9.5760,
35.7200

213.2900, 15.1240,
34.2920

106.8810, 9.0260,
34.6740

231.5200, 11.0000,
20.9200

82.0550, 8.4760,
33.6280

248.5430, 3.0250,
5.7530

57.2290, 7.9260,
32.5820

31.1690, 8.1550,
33.9390

17.5610, 3.7550,
25.5710

3.8760, -10.9140,

10.5740

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 159.5330, 10.1260,
36.7660

■ 159.5330, 10.1260,
36.7660

■ 145.7110, 12.9210,
46.6890

■ 173.3550, 7.3310,
26.8430

■ 131.8890, 15.7160,
56.6120

■ 187.1770, 4.5360,
16.9200

■ 118.0670, 18.5110,
66.5350

■ 200.9990, 1.7410,
6.9970

■ 104.2450, 21.3060,
76.4580

■ 215.1200, -0.4580,
-2.7140

■ 89.5370, 23.7800,
86.6920

■ 228.9420, -3.2530,
-12.6370

■ 75.7150, 26.5750,
96.6150

■ 240.4160, -4.9480,
-20.4680

■ 71.8940, 27.6290,
99.5410

■ 241.9110, -1.9680,
-19.4080

■ 243.4060, 1.0120,
-18.3480

■ 244.9010, 3.9920,
-17.2880

Harmonies

Analogous

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



154.3080, -38.0130, 22.6190



159.5330, 10.1260, 36.7660



158.2090, 46.2090, 38.1210

Triad

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



159.5330, 10.1260, 36.7660



151.8620, 52.4540, -14.5060



123.9460, -106.5010, -35.7570

Complementary

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



159.5330, 10.1260, 36.7660



184.4670, -10.1260, -36.7660

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.



120.1370, -88.5260, -47.6460



159.5330, 10.1260, 36.7660



148.3480, 24.1220, -29.6860

Square

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



159.5330, 10.1260, 36.7660



153.7630, 66.7550, 7.1630



141.9440, -15.9030, -36.6950



126.4030, -117.5530, -22.6810

Rectangle

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



159.5330, 10.1260, 36.7660



156.4200, 61.4320, 32.0560



141.9440, -15.9030, -36.6950



122.3500, -102.0070, -40.1110

Sweetspot

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



159.5330, 10.1260, 36.7660



236.4710, 3.5280, 13.1600



153.0450, -30.2630, 14.3210



116.5260, 1.6950, 7.8310



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.



159.5330, 10.1260, 36.7660



181.1830, 14.7080, 52.8520



162.9340, 27.8700, 34.5740



97.6460, 1.2370, 5.1170



57.1250, 21.7640, 79.1720



13.9430, 5.3150, 19.3230

Inverse Universe

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



158.4880, 40.3890, 22.4450



179.5660, 58.0850, 32.1410



180.9520, -27.5490, -34.8850



97.6310, 5.5930, 3.2650



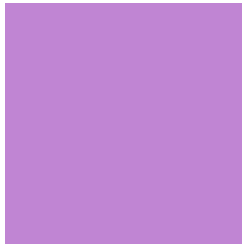
54.9060, 86.9670, 48.3670



13.3990, 21.2260, 11.8020

Previews

White Background



This preview shows how the YIQ color 159.5330, 10.1260, 36.7660 looks on a white background.

Color Contrast Check

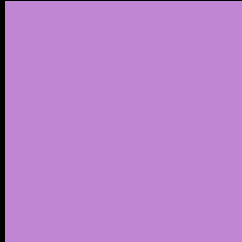
Large Text (above 18pt) WCAG AA × Fail

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 159.5330, 10.1260, 36.7660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

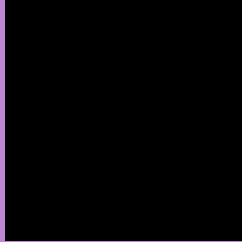
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.5330, 10.1260, 36.7660

Background



This preview shows how black text looks on a background with the YIQ color 159.5330, 10.1260, 36.7660.



This preview shows how white text looks on a background with the YIQ color 159.5330, 10.1260,

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

159.5330, 10.1260, 36.7660

Protanopia

154.8580, -36.8660, 18.3500

Deuteranopia

155.5680, -24.4860, 14.2500



Tritanopia

157.3280, 19.9880, 12.2120

Trichromacy



Original Color

159.5330, 10.1260, 36.7660

Protanomaly

156.6430, -19.9030, 24.8090

Deuteranomaly

157.2540, -11.5580, 22.2500

Tritanomaly

158.1570, 16.4560, 21.1600

Monochromacy



Original Color

159.5330, 10.1260, 36.7660

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.8840, 3.8030, 13.6830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.5330, 10.1260, 36.7660 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(192, 133, 211)` looks like.

```
.text, #text, p{  
    color:rgb(192, 133, 211)  
}
```

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(192, 133, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 133, 211) }
```

Border

The CSS property to change the border of an element to YIQ 159.5330, 10.1260, 36.7660 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(192, 133, 211) }
```


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

```
.border{ border-color:rgb(192, 133, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 133, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 133, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 133, 211);  
box-shadow:4px 4px 4px 4px rgb(192, 133,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 159.5330, 10.1260, 36.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 133, 211) }
```

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

```
.background{ background-color: rgb(192,  
133, 211) }
```

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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