

Converting Colors

YIQ(155.6350, 0.9110, 33.0630)

Have a look what the booklet for
YIQ(155.6350, 0.9110, 33.0630)
contains.

YIQ(155.6350, 0.9110, 33.0630)	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(155.6350, 0.9110,
33.0630)**

Conversions

Conversions Part 1

Format	Color
Hex	B186D3
RGB	177, 134, 211
RGB Percent	69%, 53%, 83%
CMY	0.3057, 0.4746, 0.1726
CMYK	0.16, 0.36, 0.00, 0.17
HSL	274°, 47%, 68%
HSV	274°, 36%, 83%
XYZ	38.4189, 31.0993, 65.5965
YIQ	155.6350, 0.9110, 33.0630

Conversions

Conversions Part 2

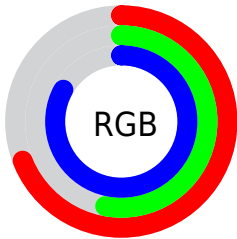
Format	Color
RYB	177, 134, 211
Decimal	11634387
CIELab	62.59, 30.94, -33.41
CIELCh	63, 45.535, 312.794
Yxy	31.0993, 0.2843, 0.2302
Android (android.graphics.Color)	4289824467 (0xFFB186D3)
YUV	155.6350, 27.2949, 18.7371
Hunter-Lab	55.7667, 25.3806, -30.7041

Details

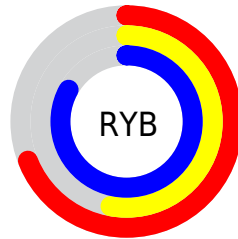
The YIQ color **155.6350, 0.9110, 33.0630** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **189.3650, -0.9110, -33.0630**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3920, 5.9090, 30.5890**, and **103.8690, 0.1320, 30.6600** is the 20% darker color. If you saturate the color by 10%, you get **140.6170, 1.3220, 42.1380**, and if you desaturate by 10%, it is **170.6530, 0.5000, 23.9880**.

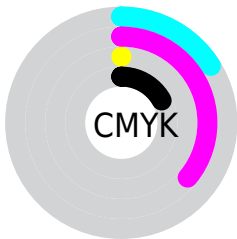
Distribution



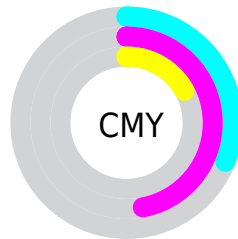
- Red (69%)
- Green (53%)
- Blue (83%)



- Red (69%)
- Yellow (53%)
- Blue (83%)



- Cyan (16%)
- Magenta (36%)
- Yellow (0%)
- Black (17%)



- Cyan (31%)
- Magenta (47%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.6350, 0.9110, 33.0630 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 155.6350, 0.9110, 33.0630 by changing the saturation by 10% instead.

 155.6350, 0.9110,
33.0630


 155.6350, 0.9110,
33.0630


255.0000, -0.0000,
-0.0000

 129.1080, 0.9570,
32.2290


 209.3920, 5.9090,
30.5890


 103.8690, 0.1320,
30.6600


 232.1070, 10.7250,
20.3970

 79.0430, -0.4180,
29.6140

 248.5430, 3.0250,
5.7530

 55.1030, -0.6470,
28.2570

 31.3910, -1.5180,
27.5220

 14.2720, -2.8010,
23.2390

 5.0500, -11.4640,

9.5280

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 155.6350, 0.9110,
33.0630

■ 155.6350, 0.9110,
33.0630

■ 140.6170, 1.3220,
42.1380

■ 170.6530, 0.5000,
23.9880

■ 125.3000, 1.1370,
51.0010

■ 185.9700, 0.6850,
15.1250

■ 110.2820, 1.5480,
60.0760

■ 200.9880, 0.2740,
6.0500

■ 95.2640, 1.9590,
69.1510

■ 216.0060, -0.1370,
-3.0250

79.6590, 2.6450,
78.7490

231.3230, 0.0480,
-11.8880

64.3420, 2.4600,
87.6120

243.4060, 1.0120,
-18.3480

59.3360, 2.5970,
90.6370

246.0970, 6.3760,
-16.4400

248.7880, 11.7400,
-14.5320

249.9840, 14.1240,
-13.6840

Harmonies

Analogous

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



148.6550, -46.5400, 17.4600



155.6350, 0.9110, 33.0630



155.0770, 37.7730, 36.8210

Triad

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



155.6350, 0.9110, 33.0630



149.3940, 54.0120, -9.7000



120.1160, -101.2280, -37.7080

Complementary

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



155.6350, 0.9110, 33.0630



189.3650, -0.9110, -33.0630

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.



129.4030, -56.8000, -38.9120



155.6350, 0.9110, 33.0630



146.3920, 29.9900, -25.8980

Square

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



155.6350, 0.9110, 33.0630



150.9140, 65.0120, 11.2200



141.2010, -6.3210, -34.1370



123.1600, -112.5550, -25.1550

Rectangle

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



155.6350, 0.9110, 33.0630



153.2390, 54.6920, 33.0600



141.2010, -6.3210, -34.1370



118.5200, -96.7340, -42.0620

Sweetspot

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



155.6350, 0.9110, 33.0630



234.9760, 0.5480, 12.1000



163.3230, -34.3420, 5.6420



115.6290, -0.0930, 7.1950



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.



155.6350, 0.9110, 33.0630



174.6050, 1.5960, 48.1880



165.3450, 22.4590, 39.0270



97.0480, 0.0450, 4.6930



47.2580, 2.0960, 72.1760



11.5510, 0.5470, 17.6270

Inverse Universe

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



160.8990, 34.9780, 26.8980



182.0740, 51.0230, 38.9830



179.6550, -22.4590, -39.0270



97.8590, 4.9510, 3.8870



58.6680, 76.3740, 58.6300



14.3110, 18.6580, 14.2900

Previews

White Background



This preview shows how the YIQ color 155.6350, 0.9110, 33.0630 looks on a white background.

Color Contrast Check

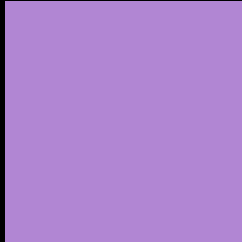
Large Text (above 18pt) WCAG AA × Fail

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 155.6350, 0.9110, 33.0630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

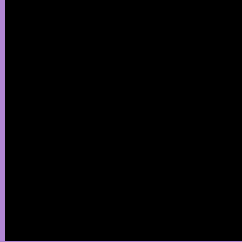
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.6350, 0.9110, 33.0630

Background



This preview shows how black text looks on a background with the YIQ color 155.6350, 0.9110, 33.0630.



This preview shows how white text looks on a background with the YIQ color 155.6350, 0.9110,

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

155.6350, 0.9110, 33.0630

Protanopia

150.8580, -36.8660, 18.3500

Deuteranopia

151.8280, -28.1540, 14.6460



Tritanopia

153.2450, 9.8560, 8.6080

Trichromacy



Original Color

155.6350, 0.9110, 33.0630

Protanomaly

152.8490, -23.4790, 23.5370

Deuteranomaly

153.2040, -17.2890, 21.4870

Tritanomaly

154.0740, 6.3240, 17.5560

Monochromacy



Original Color

155.6350, 0.9110, 33.0630

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.9760, 0.5480, 12.1000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.6350, 0.9110, 33.0630 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(177, 134, 211)` looks like.

```
.text, #text, p{  
    color:rgb(177, 134, 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(177, 134, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 134, 211) }
```

Border

The CSS property to change the border of an element to YIQ 155.6350, 0.9110, 33.0630 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(177, 134, 211) }
```


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

```
.border{ border-color:rgb(177, 134, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 134, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 134, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 134, 211);  
box-shadow:4px 4px 4px 4px rgb(177, 134,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 155.6350, 0.9110, 33.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 134, 211) }
```

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

```
.background{ background-color: rgb(177,  
134, 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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