

Converting Colors

YIQ(110.3630, 15.1620, 77.6740)

Have a look what the booklet for
YIQ(110.3630, 15.1620, 77.6740)
contains.

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Color

**YIQ(110.3630, 15.1620,
77.6740)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AD38E2 |
| RGB | 173, 56, 226 |
| RGB Percent | 68%, 22%, 89% |
| CMY | 0.3212, 0.7806, 0.1138 |
| CMYK | 0.23, 0.75, 0.00, 0.11 |
| HSL | 281°, 75%, 55% |
| HSV | 281°, 75%, 89% |
| XYZ | 32.3920, 17.2090, 73.5528 |
| YIQ | 110.3630, 15.1620, 77.6740 |

Conversions

Conversions Part 2

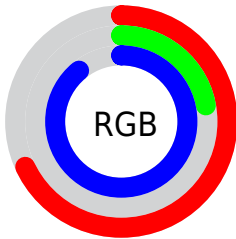
| Format | Color |
|-------------------------------------|--|
| RYB | 173, 56, 226 |
| Decimal | 11352290 |
| CIELab | 48.52, 71.14, -64.24 |
| CIELCh | 49, 95.850, 317.916 |
| Yxy | 17.2090, 0.2630, 0.1397 |
| Android (android.graphics.Color) | 4289542370 (0xFFAD38E2) |
| YUV | 110.3630, 57.0090, 54.9326 |
| Hunter-Lab | 41.4838, 66.7827, -76.0856 |

Details

The YIQ color **110.3630, 15.1620, 77.6740** is a light color, and the websafe version is hex **9933CC**. The color can be described as light washed purple. A complement of this color would be **171.6370, -15.1620, -77.6740**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.6550, 25.6630, 69.0790**, and **53.7650, 13.9700, 77.2500** is the 20% darker color. If you saturate the color by 10%, you get **94.7690, 17.3150, 88.2190**, and if you desaturate by 10%, it is **125.9570, 13.0090, 67.1290**.

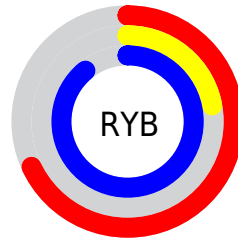
Distribution



Red (68%)

Green (22%)

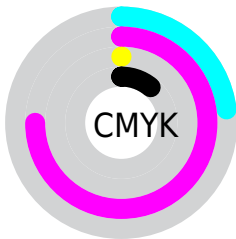
Blue (89%)



Red (68%)

Yellow (22%)

Blue (89%)

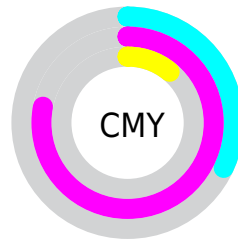


Cyan (23%)

Magenta (75%)

Yellow (0%)

Black (11%)



Cyan (32%)

Magenta (78%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.3630, 15.1620, 77.6740 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 110.3630, 15.1620, 77.6740 by changing the saturation by 10% instead.

110.3630, 15.1620,
77.6740

110.3630, 15.1620,
77.6740

255.0000, -0.0000,
-0.0000

75.4930, 17.9120,
82.9040

165.6550, 25.6630,
69.0790

53.7650, 13.9700,
77.2500

189.2560, 30.8000,
58.5760

41.9020, 5.6740,
62.3940

205.6920, 23.1000,
43.9320

29.9680, -3.8600,
47.9480

222.7150, 15.1250,
28.7650

18.3330, -12.7980,
33.7140

240.3250, 6.8750,
13.0750

7.5240, -21.1860,
20.5260

6.6630, -14.6280,

11.8040

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 110.3630, 15.1620,
77.6740

■ 110.3630, 15.1620,
77.6740

■ 94.7690, 17.3150,
88.2190

■ 125.9570, 13.0090,
67.1290

■ 79.7620, 19.1930,
98.2410

■ 140.9640, 11.1310,
57.1070

■ 72.4080, 20.4300,
103.3580

■ 156.5580, 8.9780,
46.5620

■ 171.5650, 7.1000,
36.5400

187.1590, 4.9470,
25.9950

202.7530, 2.7940,
15.4500

217.7600, 0.9160,
5.4280

233.3540, -1.2370,
-5.1170

246.0130, -2.0150,
-13.0470

Harmonies

Analogous

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



93.6400, -112.1050, 21.7750



110.3630, 15.1620, 77.6740



88.1910, 92.4600, 97.5160

Triad

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



110.3630, 15.1620, 77.6740



108.6330, 72.0320, -16.8960



104.8710, -92.7480, -26.1880

Complementary

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



110.3630, 15.1620, 77.6740



171.6370, -15.1620, -77.6740

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.



93.4200, -64.6380, -51.0540



110.3630, 15.1620, 77.6740



102.3670, 21.9700, -45.7580

Square

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



110.3630, 15.1620, 77.6740



93.0810, 119.0660, 22.7940



81.5930, -38.2250, -72.6970



112.0190, -115.6310, -2.4390

Rectangle

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



110.3630, 15.1620, 77.6740



85.6230, 116.9460, 83.2660



81.5930, -38.2250, -72.6970



101.2060, -83.8060, -34.0620

Sweetspot

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



110.3630, 15.1620, 77.6740



214.9850, 5.4970, 27.0410



107.0780, -69.4200, 24.6280



103.2800, 2.7480, 16.2840



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.



110.3630, 15.1620, 77.6740



98.7610, 20.9340, 105.2380



122.6760, 56.7010, 79.2690



104.6460, 1.2370, 5.1170



56.2430, 15.6200, 80.3880



15.3390, 4.2600, 21.9240

Inverse Universe

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



112.8720, 84.3070, 52.5230



101.9780, 113.9680, 71.1520



159.3240, -56.7010, -79.2690



104.6310, 5.5930, 3.2650



58.8940, 87.2410, 54.4170



16.0620, 23.7930, 14.8410

Previews

White Background



This preview shows how the YIQ color 110.3630, 15.1620, 77.6740 looks on a white background.

Color Contrast Check

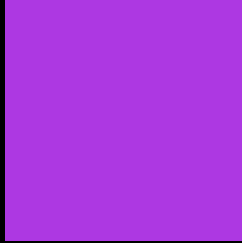
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 110.3630, 15.1620, 77.6740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

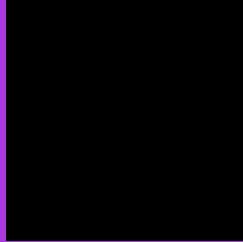
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.3630, 15.1620, 77.6740

Background



This preview shows how black text looks on a background with the YIQ color 110.3630, 15.1620, 77.6740.



This preview shows how white text looks on a background with the YIQ color 110.3630, 15.1620,

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

110.3630, 15.1620, 77.6740

Protanopia

92.0610, -106.2810, 15.3430

Deuteranopia

92.8640, -98.8970, 2.6630



Tritanopia

117.2430, 30.5330, 13.8370

Trichromacy



Original Color

110.3630, 15.1620, 77.6740



Protanomaly

98.7020, -61.9490, 37.9150



Deuteranomaly

98.9980, -57.2710, 30.2250



Tritanomaly

114.8460, 25.3020, 37.0620

Monochromacy



Original Color

110.3630, 15.1620, 77.6740



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

109.9250, 5.7260, 28.3980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.3630, 15.1620, 77.6740 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(173, 56, 226)` looks like.

```
.text, #text, p{  
    color:rgb(173, 56, 226)  
}
```

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(173, 56, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 56, 226) }
```

Border

The CSS property to change the border of an element to YIQ 110.3630, 15.1620, 77.6740 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(173, 56, 226) }
```


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

```
.border{ border-color:rgb(173, 56, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 56, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 56, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 56, 226);  
box-shadow:4px 4px 4px 4px rgb(173, 56,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 110.3630, 15.1620, 77.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 56, 226) }
```

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

```
.background{ background-color: rgb(173, 56,  
226) }
```

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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