

Converting Colors

YIQ(116.4370, 11.1770, 56.2730)

Have a look what the booklet for
YIQ(116.4370, 11.1770, 56.2730)
contains.

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Color

**YIQ(116.4370, 11.1770,
56.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	A24DC8
RGB	162, 77, 200
RGB Percent	64%, 30%, 78%
CMY	0.3644, 0.6982, 0.2157
CMYK	0.19, 0.62, 0.00, 0.22
HSL	282°, 53%, 54%
HSV	282°, 62%, 78%
XYZ	27.9899, 17.1612, 56.4728
YIQ	116.4370, 11.1770, 56.2730

Conversions

Conversions Part 2

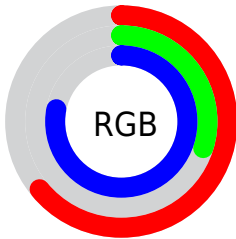
Format	Color
R_{YB}	162, 77, 200
Decimal	10636744
CIE _{Lab}	48.46, 54.80, -49.55
CIE _{LCh}	48, 73.877, 317.880
Yxy	17.1612, 0.2754, 0.1689
Android (android.graphics.Color)	4288826824 (0xFFA24DC8)
YUV	116.4370, 41.1966, 39.9588
Hunter-Lab	41.4260, 48.1099, -51.8272

Details

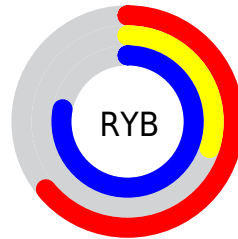
The YIQ color **116.4370, 11.1770, 56.2730** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **160.5630, -11.1770, -56.2730**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.1600, 13.5150, 57.9550**, and **60.2630, 11.7270, 57.3190** is the 20% darker color. If you saturate the color by 10%, you get **102.9030, 13.1010, 65.4610**, and if you desaturate by 10%, it is **129.9710, 9.2530, 47.0850**.

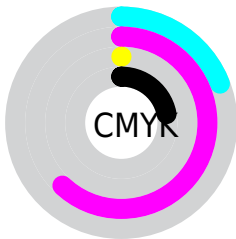
Distribution



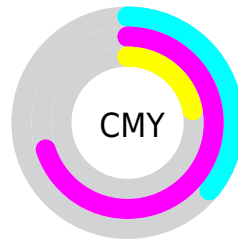
- Red (64%)
- Green (30%)
- Blue (78%)



- Red (64%)
- Yellow (30%)
- Blue (78%)



- Cyan (19%)
- Magenta (62%)
- Yellow (0%)
- Black (22%)



- Cyan (36%)
- Magenta (70%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.4370, 11.1770, 56.2730 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 116.4370, 11.1770, 56.2730 by changing the saturation by 10% instead.

■ 116.4370, 11.1770,
56.2730

■ 116.4370, 11.1770,
56.2730

■ 255.0000, -0.0000,
-0.0000

■ 89.0240, 10.9020,
55.7500

■ 171.1600, 13.5150,
57.9550

■ 59.6760, 12.0020,
57.8420

■ 196.2670, 23.0990,
49.4590

■ 37.1870, 8.8850,
53.7570

■ 214.4970, 18.9750,
36.0870

■ 26.2640, 0.8180,
40.2580

■ 230.9330, 11.2750,
21.4430

■ 16.2380, -5.4610,
27.3950

■ 247.9560, 3.3000,
6.2760

■ 5.2440, -14.7660,
14.3060

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 116.4370, 11.1770,
56.2730

■ 116.4370, 11.1770,
56.2730

■ 102.9030, 13.1010,
65.4610

■ 129.9710, 9.2530,
47.0850

■ 89.3690, 15.0250,
74.6490

■ 143.5050, 7.3290,
37.8970

■ 75.8350, 16.9490,
83.8370

■ 157.3380, 6.0010,
28.9210

■ 64.0620, 18.0480,
91.4560

■ 170.8720, 4.0770,
19.7330

■ 184.4060, 2.1530,
10.5450

■ 197.9400, 0.2290,
1.3570

■ 211.4740, -1.6950,
-7.8310

■ 225.0080, -3.6190,
-17.0190

■ 237.6670, -4.3970,
-24.9490

Harmonies

Analogous

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



91.4740, -106.0060, 15.8660



116.4370, 11.1770, 56.2730



100.8220, 70.5490, 70.5890

Triad

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



116.4370, 11.1770, 56.2730



108.6000, 67.6310, -19.7370



100.6820, -87.8420, -26.9940

Complementary

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



116.4370, 11.1770, 56.2730



160.5630, -11.1770, -56.2730

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.



92.0980, -66.4270, -46.1630



116.4370, 11.1770, 56.2730



104.1830, 28.4800, -42.5920

Square

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



116.4370, 11.1770, 56.2730



104.6000, 95.1350, 10.4550



80.4990, -40.6560, -67.1840



105.3050, -104.9930, -8.0090

Rectangle

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



116.4370, 11.1770, 56.2730



92.0940, 92.9700, 66.2340



80.4990, -40.6560, -67.1840



98.2880, -81.1010, -33.5250

Sweetspot

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



116.4370, 11.1770, 56.2730



223.8120, 4.3060, 21.0900



113.9150, -50.2080, 17.8560



108.2860, 2.6110, 13.2590



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.



116.4370, 11.1770, 56.2730



126.7150, 17.4070, 86.5510



125.1770, 41.2080, 57.1760



92.8200, 0.6870, 4.0710



52.3690, 15.0250, 74.6490



11.5790, 3.3440, 16.4960

Inverse Universe

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



118.1090, 61.1100, 37.8940



129.1230, 94.0260, 58.1060



151.8230, -41.2080, -57.1760



93.0330, 4.4010, 2.8410



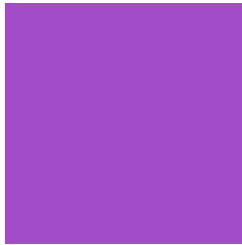
54.4370, 81.0980, 50.1060



12.0180, 17.9250, 11.0530

Previews

White Background



This preview shows how the YIQ color 116.4370, 11.1770, 56.2730 looks on a white background.

Color Contrast Check

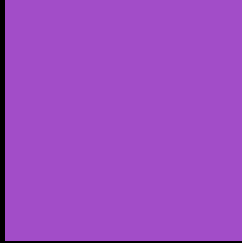
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.4370, 11.1770, 56.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

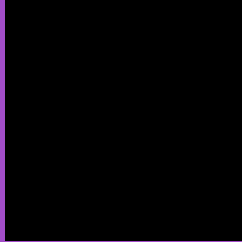
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 116.4370, 11.1770, 56.2730

Background



This preview shows how black text looks on a background with the YIQ color 116.4370, 11.1770, 56.2730.



This preview shows how white text looks on a background with the YIQ color 116.4370, 11.1770,

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

116.4370, 11.1770, 56.2730

Protanopia

98.2260, -93.4440, 19.4840

Deuteranopia

109.2300, -55.7090, 12.9230



Tritanopia

117.2530, 24.5730, 11.7170

Trichromacy



Original Color

116.4370, 11.1770, 56.2730



Protanomaly

104.9490, -55.5750, 32.5290



Deuteranomaly

112.1180, -31.3660, 28.8100



Tritanomaly

117.2270, 19.4350, 27.7470

Monochromacy



Original Color

116.4370, 11.1770, 56.2730



Achromatopsia

116.0000, -0.0000, 0.0000



Achromatomaly

116.3990, 4.0310, 20.5670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.4370, 11.1770, 56.2730 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(162, 77, 200)` looks like.

```
.text, #text, p{  
    color:rgb(162, 77, 200)  
}
```

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(162, 77, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 77, 200) }
```

Border

The CSS property to change the border of an element to YIQ 116.4370, 11.1770, 56.2730 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(162, 77, 200) }
```


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

```
.border{ border-color:rgb(162, 77, 200) }
```

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

Here you see how a box with a 4 pixel rgb(162, 77, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 77, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 77, 200);  
box-shadow:4px 4px 4px 4px rgb(162, 77,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 116.4370, 11.1770, 56.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 77, 200) }
```

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

```
.background{ background-color: rgb(162, 77,  
200) }
```

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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