

Converting Colors

YIQ(106.6370, -18.6250,
56.7270)

Have a look what the booklet for
YIQ(106.6370, -18.6250, 56.7270)
contains.

YIQ(106.6370, -18.6250, 56.7270)	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(106.6370, -18.6250,
56.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	7C4BE0
RGB	124, 75, 224
RGB Percent	49%, 29%, 88%
CMY	0.5135, 0.7060, 0.1218
CMYK	0.45, 0.67, 0.00, 0.12
HSL	260°, 71%, 59%
HSV	260°, 67%, 88%
XYZ	24.2826, 14.6977, 72.0438
YIQ	106.6370, -18.6250, 56.7270

Conversions

Conversions Part 2

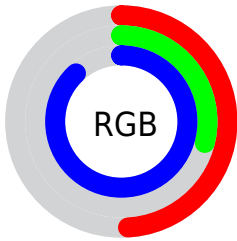
Format	Color
RYB	124, 75, 224
Decimal	8145888
CIELab	45.22, 53.40, -68.73
CIELCh	45, 87.036, 307.844
Yxy	14.6977, 0.2187, 0.1324
Android (android.graphics.Color)	4286335968 (0xFF7C4BE0)
YUV	106.6370, 57.8600, 15.2274
Hunter-Lab	38.3376, 45.9693, -84.5813

Details

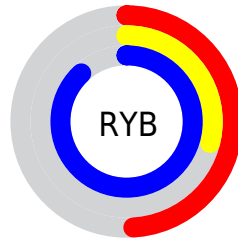
The YIQ color $106.6370, -18.6250, 56.7270$ is a dark color, and the websafe version is hex $6633CC$. The color can be described as middle muted purple. A complement of this color would be $192.3630, 18.6250, -56.7270$, and the grayscale version is $106.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $158.3360, -7.7120, 51.6800$, and $51.4900, -22.7050, 53.5750$ is the 20% darker color. If you saturate the color by 10%, you get $89.2380, -21.5150, 65.0530$, and if you desaturate by 10%, it is $124.0360, -15.7350, 48.4010$.

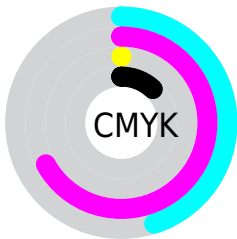
Distribution



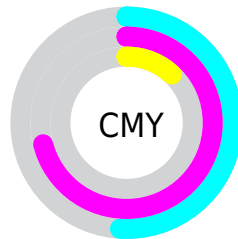
- Red (49%)
- Green (29%)
- Blue (88%)



- Red (49%)
- Yellow (29%)
- Blue (88%)



- Cyan (45%)
- Magenta (67%)
- Yellow (0%)
- Black (12%)



- Cyan (51%)
- Magenta (71%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.6370, -18.6250, 56.7270 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 106.6370, -18.6250, 56.7270 by changing the saturation by 10% instead.

■ 106.6370,
-18.6250, 56.7270

■ 106.6370,
-18.6250, 56.7270

■ 255.0000, -0.0000,
-0.0000

■ 79.6860, -20.3210,
54.4230

■ 158.3360, -7.7120,
51.6800

■ 51.4900, -22.7050,
53.5750

■ 183.1550, 2.7430,
43.9190

■ 22.8370, -31.2320,
48.4160

■ 207.9740, 13.1980,
36.1580

■ 12.9960, -36.5940,
35.4540

■ 227.9980, 12.6500,
24.0580

■ 10.0320, -28.2480,
27.3680

■ 245.0210, 4.6750,
8.8910

■ 11.4050, -22.4690,
16.2430

■ 6.4350, -13.9860,

11.1820

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 106.6370,
-18.6250, 56.7270

■ 106.6370,
-18.6250, 56.7270

■ 89.2380, -21.5150,
65.0530

■ 124.0360,
-15.7350, 48.4010

■ 71.2520, -24.1300,
73.9020

■ 142.0220,
-13.1200, 39.5520

■ 53.8530, -27.0200,
82.2280

■ 159.4210,
-10.2300, 31.2260

■ 47.6620, -27.8000,
85.3520

■ 177.4070, -7.6150,
22.3770

■ 194.8060, -4.7250,
14.0510

■ 212.2050, -1.8350,
5.7250

■ 230.1910, 0.7800,
-3.1240

■ 247.5900, 3.6700,
-11.4500

■ 251.4660, 9.9510,
-9.6410

Harmonies

Analogous

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



94.7000, -112.3340, 20.4180



106.6370, -18.6250, 56.7270



79.5780, 69.2610, 93.9410

Triad

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



106.6370, -18.6250, 56.7270



99.2740, 80.8330, -5.6870



93.4950, -77.2500, -31.7300

Complementary

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



106.6370, -18.6250, 56.7270



192.3630, 18.6250, -56.7270

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.



82.8420, -51.3870, -54.4190



106.6370, -18.6250, 56.7270



99.2430, 37.4190, -33.8850

Square

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



106.6370, -18.6250, 56.7270



76.0170, 117.0910, 42.0750



74.5600, -33.4580, -65.4740



101.5890, -100.0410, -9.6490

Rectangle

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



106.6370, -18.6250, 56.7270



80.4990, 96.8640, 83.7760



74.5600, -33.4580, -65.4740



90.6450, -69.2250, -39.5050

Sweetspot

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



106.6370, -18.6250, 56.7270



214.8970, -6.2390, 19.4650



151.8600, -75.8790, -7.0070



103.5240, -3.9910, 11.7610



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.



106.6370, -18.6250, 56.7270



94.2890, -25.5520, 77.6480



128.4640, 24.8830, 72.2030



103.4500, -1.1470, 4.2690



37.4060, -21.9280, 67.0320



10.2560, -5.8720, 18.3200

Inverse Universe

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



130.9510, 56.7040, 62.6880



127.6140, 77.6070, 85.8550



170.5360, -24.8830, -72.2030



105.2010, 3.9880, 4.8200



66.0760, 67.0180, 74.0100



18.0000, 18.3360, 20.1280

Previews

White Background



This preview shows how the YIQ color 106.6370, -18.6250, 56.7270 looks on a white background.

Color Contrast Check

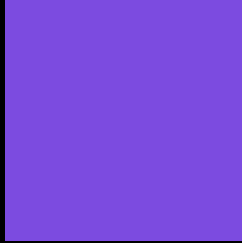
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.6370, -18.6250, 56.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

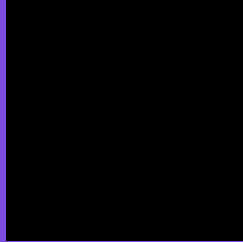
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.6370, -18.6250, 56.7270

Background



This preview shows how black text looks on a background with the YIQ color 106.6370, -18.6250, 56.7270.



This preview shows how white text looks on a background with the YIQ color 106.6370, -18.6250,

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

106.6370, -18.6250, 56.7270

Protanopia

85.3130, -98.3030, 13.9290

Deuteranopia

85.5290, -90.6440, 1.7720



Tritanopia

105.7370, -9.4450, 0.4670

Trichromacy



Original Color

106.6370, -18.6250, 56.7270

Protanomaly

93.1260, -69.3750, 29.3210

Deuteranomaly

93.4220, -64.6970, 21.6310

Tritanomaly

106.1290, -12.7040, 20.9920

Monochromacy



Original Color

106.6370, -18.6250, 56.7270

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.6520, -6.9270, 20.9210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.6370, -18.6250, 56.7270 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(124, 75, 224)` looks like.

```
.text, #text, p{  
    color:rgb(124, 75, 224)  
}
```

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(124, 75, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 75, 224) }
```

Border

The CSS property to change the border of an element to YIQ 106.6370, -18.6250, 56.7270 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(124, 75, 224) }
```


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

```
.border{ border-color:rgb(124, 75, 224) }
```

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

Here you see how a box with a 4 pixel rgb(124, 75, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 75, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 75, 224);  
box-shadow:4px 4px 4px 4px rgb(124, 75,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 106.6370, -18.6250, 56.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 75, 224) }
```

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

```
.background{ background-color: rgb(124, 75,  
224) }
```

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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