

Converting Colors

YIQ(99.8370, -23.2050, 29.5870)

Have a look what the booklet for
YIQ(99.8370, -23.2050, 29.5870)
contains.

YIQ(99.8370, -23.2050, 29.5870)	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(99.8370, -23.2050,
29.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	6057B0
RGB	96, 87, 176
RGB Percent	38%, 34%, 69%
CMY	0.6234, 0.6588, 0.3100
CMYK	0.45, 0.51, 0.00, 0.31
HSL	246°, 36%, 52%
HSV	246°, 51%, 69%
XYZ	16.0662, 12.4366, 42.6067
YIQ	99.8370, -23.2050, 29.5870

Conversions

Conversions Part 2

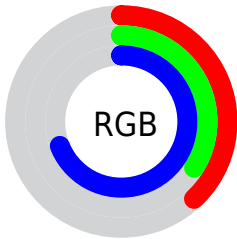
Format	Color
R_{YB}	96, 87, 176
Decimal	6313904
CIE _{Lab}	41.90, 26.88, -46.46
CIE _{LCh}	42, 53.672, 300.055
Y _{xy}	12.4366, 0.2259, 0.1749
Android (android.graphics.Color)	4284503984 (0xFF6057B0)
YUV	99.8370, 37.5484, -3.3650
Hunter-Lab	35.2656, 19.6059, -46.9462

Details

The YIQ color $99.8370, -23.2050, 29.5870$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $163.1630, 23.2050, -29.5870$, and the grayscale version is $99.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $152.0160, -22.1510, 32.5130$, and $50.0490, -26.9180, 25.2900$ is the 20% darker color. If you saturate the color by 10%, you get $84.4870, -27.7910, 35.6090$, and if you desaturate by 10%, it is $115.1870, -18.6190, 23.5650$.

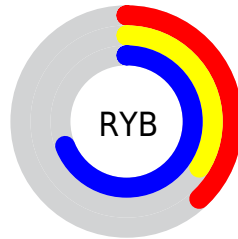
Distribution



Red (38%)

Green (34%)

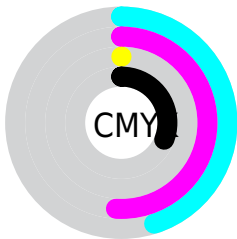
Blue (69%)



Red (38%)

Yellow (34%)

Blue (69%)

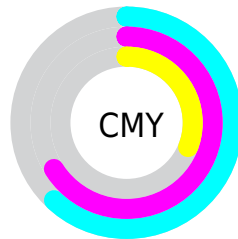


Cyan (45%)

Magenta (51%)

Yellow (0%)

Black (31%)



Cyan (62%)

Magenta (66%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.8370, -23.2050, 29.5870 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 99.8370, -23.2050, 29.5870 by changing the saturation by 10% instead.

■ 99.8370, -23.2050,
29.5870

■ 99.8370, -23.2050,
29.5870

■ 255.0000, -0.0000,
-0.0000

■ 75.1850, -24.3050,
27.4950

■ 152.0160,
-22.1510, 32.5130

■ 50.0490, -26.9180,
25.2900

■ 178.2720,
-19.9960, 32.0040

■ 23.3850, -36.9120,
19.1840

■ 202.7920,
-10.1370, 24.0310

■ 8.3220, -23.4330,
22.7030

■ 227.8990, -0.5530,
15.5350

■ 7.9340, -16.8290,
13.1470

■ 250.3040, 2.2000,
4.1840

■ 3.7790, -9.2630,
8.1850

■ 0.0000, 0.0000,

0.0000

■ 99.8370, -23.2050,
29.5870

■ 99.8370, -23.2050,
29.5870

■ 84.4870, -27.7910,
35.6090

■ 115.1870,
-18.6190, 23.5650

■ 69.7240, -32.6520,
41.1080

■ 129.9500,
-13.7580, 18.0660

■ 54.6730, -36.6420,
47.3420

■ 145.0010, -9.7680,
11.8320

■ 39.9100, -41.5030,
52.8410

■ 159.7640, -4.9070,
6.3330

■ 25.4460, -45.7680,
58.5520

■ 175.1140, -0.3210,
0.3110

■ 190.4640, 4.2650,
-5.7110

■ 205.2270, 9.1260,
-11.2100

■ 220.5770, 13.7120,
-17.2320

■ 235.0410, 17.9770,
-22.9430

Harmonies

Analogous

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



82.4800, -88.9480, 4.0760



99.8370, -23.2050, 29.5870



99.7200, 25.8970, 42.8010

Triad

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



99.8370, -23.2050, 29.5870



93.9440, 64.3270, -3.9050



81.0250, -64.1830, -31.7590

Complementary

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



99.8370, -23.2050, 29.5870



163.1630, 23.2050, -29.5870

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.



74.0200, -48.5920, -44.4960



99.8370, -23.2050, 29.5870



92.5200, 44.2490, -25.5030

Square

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



99.8370, -23.2050, 29.5870



93.1570, 69.1820, 23.7580



86.8640, 13.4410, -39.8630



86.0410, -78.3070, -18.0750

Rectangle

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



99.8370, -23.2050, 29.5870



95.7520, 49.2340, 43.8740



86.8640, 13.4410, -39.8630



78.6140, -58.7720, -36.2120

Sweetspot

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



99.8370, -23.2050, 29.5870



200.1860, -8.8510, 11.7330



144.1060, -50.5690, -14.1610



96.9920, -5.5490, 6.9550



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



99.8370, -23.2050, 29.5870



110.1460, -36.5960, 46.5080



112.9930, 3.0190, 38.9150



81.3250, -2.2930, 3.0110



22.2260, -39.5770, 50.9750



3.8610, -6.5580, 8.7220

Inverse Universe

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



122.7310, 27.3640, 43.7480



146.1100, 43.3150, 68.5550



150.0070, -3.0190, -38.9150



83.6030, 2.7960, 4.3960



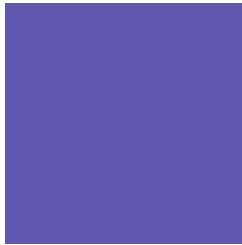
61.3650, 47.2110, 75.0430



10.3960, 8.1130, 12.6650

Previews

White Background



This preview shows how the YIQ color 99.8370, -23.2050, 29.5870 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 99.8370, -23.2050, 29.5870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

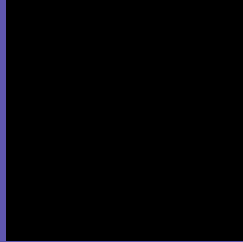
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.8370, -23.2050, 29.5870

Background



This preview shows how black text looks on a background with the YIQ color 99.8370, -23.2050, 29.5870.



This preview shows how white text looks on a background with the YIQ color 99.8370, -23.2050,

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

99.8370, -23.2050, 29.5870

Protanopia

92.6910, -55.3890, 18.1390

Deuteranopia

89.1860, -61.5770, 9.1350



Tritanopia

96.7360, -16.8720, -2.6000

Trichromacy



Original Color

99.8370, -23.2050, 29.5870

Protanomaly

95.3720, -44.0650, 22.1670

Deuteranomaly

92.9430, -47.4110, 16.7250

Tritanomaly

97.7440, -19.3500, 9.2740

Monochromacy



Original Color

99.8370, -23.2050, 29.5870

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.9580, -8.2090, 11.1110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.8370, -23.2050, 29.5870 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(96, 87, 176)` looks like.

```
.text, #text, p{  
    color:rgb(96, 87, 176)  
}
```

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(96, 87, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 87, 176) }
```

Border

The CSS property to change the border of an element to YIQ 99.8370, -23.2050, 29.5870 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(96, 87, 176) }
```


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

```
.border{ border-color:rgb(96, 87, 176) }
```

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

Here you see how a box with a 4 pixel rgb(96, 87, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 87, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 87, 176);  
box-shadow:4px 4px 4px 4px rgb(96, 87,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 99.8370, -23.2050, 29.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 87, 176) }
```

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

```
.background{ background-color: rgb(96, 87,  
176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor