

Converting Colors

YIQ(162.9370, 12.3380,
-25.3740)

Have a look what the booklet for
YIQ(162.9370, 12.3380, -25.3740)
contains.

YIQ(162.9370, 12.3380, -25.3740)	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(162.9370, 12.3380,
-25.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	9FB06A
RGB	159, 176, 106
RGB Percent	62%, 69%, 42%
CMY	0.3766, 0.3098, 0.5842
CMYK	0.10, 0.00, 0.40, 0.31
HSL	75°, 31%, 55%
HSV	75°, 40%, 69%
XYZ	32.4234, 39.4633, 19.5511
YIQ	162.9370, 12.3380, -25.3740

Conversions

Conversions Part 2

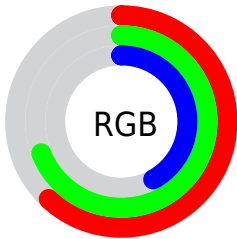
Format	Color
RYB	106, 176, 123
Decimal	10465386
CIELab	69.09, -17.39, 33.87
CIElCh	69, 38.068, 117.173
Yxy	39.4633, 0.3546, 0.4316
Android (android.graphics.Color)	4288655466 (0xFF9FB06A)
YUV	162.9370, -28.0699, -3.4527
Hunter-Lab	62.8198, -17.8048, 25.5213

Details

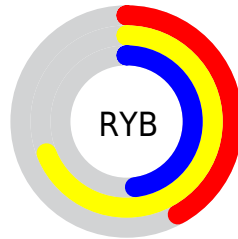
The YIQ color **162.9370, 12.3380, -25.3740** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **119.0630, -12.3380, 25.3740**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.4810, 13.6220, -26.6180**, and **110.3930, 11.0540, -24.1300** is the 20% darker color. If you saturate the color by 10%, you get **159.6890, 15.7320, -31.8200**, and if you desaturate by 10%, it is **166.1850, 8.9440, -18.9280**.

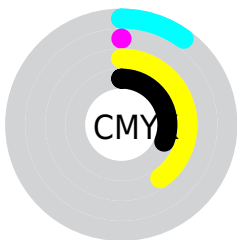
Distribution



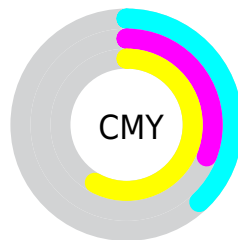
- Red (62%)
- Green (69%)
- Blue (42%)



- Red (42%)
- Yellow (69%)
- Blue (48%)



- Cyan (10%)
- Magenta (0%)
- Yellow (40%)
- Black (31%)



- Cyan (38%)
- Magenta (31%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.9370, 12.3380, -25.3740 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 162.9370, 12.3380, -25.3740 by changing the saturation by 10% instead.

■ 162.9370, 12.3380,
-25.3740

■ 162.9370, 12.3380,
-25.3740

■ 255.0000, -0.0000,
-0.0000

■ 136.1650, 11.6960,
-24.7520

■ 218.4810, 13.6220,
-26.6180

■ 110.3930, 11.0540,
-24.1300

■ 243.5460, 14.9970,
-24.0030

■ 86.0940, 10.4580,
-24.3420

■ 250.2120, 13.4820,
-13.0620

■ 61.9800, 10.7790,
-24.6530

■ 253.5180, 4.1730,
-4.0430

■ 40.9890, 6.5600,
-19.7760

■ 19.9910, -4.9490,
-14.9410

■ 0.0000, 0.0000,

0.0000

■ 162.9370, 12.3380,
-25.3740

■ 162.9370, 12.3380,
-25.3740

■ 159.6890, 15.7320,
-31.8200

■ 166.1850, 8.9440,
-18.9280

■ 156.2560, 18.2090,
-38.1670

■ 169.6180, 6.4670,
-12.5810

■ 153.0080, 21.6030,
-44.6130

■ 172.8660, 3.0730,
-6.1350

■ 149.8740, 24.6760,
-50.7480

■ 176.0000, -0.0000,
-0.0000

■ 146.6260, 28.0700,
-57.1940

■ 179.2480, -3.3940,
6.4460

■ 143.0790, 30.8680,
-63.8520

■ 182.7950, -6.1920,
13.1040

■ 185.9290, -9.2650,
19.2390

■ 189.1770,
-12.6590, 25.6850

■ 191.5840,
-12.2470, 29.2330

Harmonies

Analogous

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



166.1470, 38.4700, -14.3780



162.9370, 12.3380, -25.3740



157.5230, -21.7270, -30.2630

Triad

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



162.9370, 12.3380, -25.3740



146.3520, -95.1800, -15.1480



172.4440, 43.6890, 28.7210

Complementary

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



162.9370, 12.3380, -25.3740



119.0630, -12.3380, 25.3740

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.



173.4380, 17.4630, 30.4470



162.9370, 12.3380, -25.3740



162.0570, -56.9000, 6.9720

Square

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



162.9370, 12.3380, -25.3740



134.2600, -110.2610, -33.6930



170.9590, -17.9770, 22.9430



170.6390, 55.8410, 17.7370

Rectangle

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



162.9370, 12.3380, -25.3740



152.8220, -47.4940, -31.3500



170.9590, -17.9770, 22.9430



172.6050, 35.9860, 30.6580

Sweetspot

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



162.9370, 12.3380, -25.3740



224.7150, 4.8160, -10.1920



136.3220, 37.3200, 6.4720



111.9800, 2.7520, -5.8240



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.



162.9370, 12.3380, -25.3740



209.2730, 19.5390, -40.2450



152.7710, -7.9260, -32.5820



87.3760, 1.6970, -3.2230



124.4950, 27.0610, -55.4270



20.9430, 4.1740, -9.5700

Inverse Universe

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



119.0630, -12.3380, 25.3740



139.7270, -19.5390, 40.2450



129.2290, 7.9260, 32.5820



81.6240, -1.6970, 3.2230



28.5050, -27.0610, 55.4270



4.7580, -4.7700, 9.3580

Previews

White Background



This preview shows how the YIQ color 162.9370, 12.3380, -25.3740 looks on a white background.

Color Contrast Check

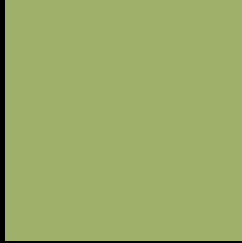
Large Text (above 18pt) WCAG AA × Fail

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 162.9370, 12.3380, -25.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

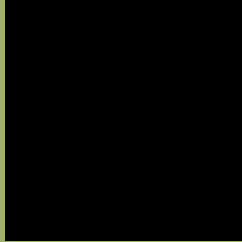
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 162.9370, 12.3380, -25.3740

Background



This preview shows how black text looks on a background with the YIQ color 162.9370, 12.3380, -25.3740.



This preview shows how white text looks on a background with the YIQ color 162.9370, 12.3380, -25.3740.

-25.3740.

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

162.9370, 12.3380, -25.3740

Protanopia

165.3740, 30.4010, -16.8230

Deuteranopia

167.3310, 41.1280, -7.4800



Tritanopia

168.7810, -3.5770, 4.2550

Trichromacy



Original Color

162.9370, 12.3380, -25.3740

Protanomaly

164.5580, 23.8910, -19.9890

Deuteranomaly

165.3680, 30.5380, -13.7980

Tritanomaly

166.5670, 2.4770, -6.3470

Monochromacy



Original Color

162.9370, 12.3380, -25.3740

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

163.2420, 4.7700, -9.3580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.9370, 12.3380, -25.3740 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(159, 176, 106)` looks like.

```
.text, #text, p{  
    color:rgb(159, 176, 106)  
}
```

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(159, 176, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 176, 106) }
```

Border

The CSS property to change the border of an element to YIQ 162.9370, 12.3380, -25.3740 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(159, 176, 106) }
```


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

```
.border{ border-color:rgb(159, 176, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 176, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 176, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 176, 106);  
box-shadow:4px 4px 4px 4px rgb(159, 176,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 162.9370, 12.3380, -25.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 176, 106) }
```

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

```
.background{ background-color: rgb(159,  
176, 106) }
```

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