

Converting Colors

YIQ(61.7460, -12.5230, 34.2370)

Have a look what the booklet for
YIQ(61.7460, -12.5230, 34.2370)
contains.

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Color

**YIQ(61.7460, -12.5230,
34.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	472B86
RGB	71, 43, 134
RGB Percent	28%, 17%, 53%
CMY	0.7214, 0.8314, 0.4746
CMYK	0.47, 0.68, 0.00, 0.47
HSL	258°, 51%, 35%
HSV	258°, 68%, 53%
XYZ	7.7652, 4.7881, 23.0580
YIQ	61.7460, -12.5230, 34.2370

Conversions

Conversions Part 2

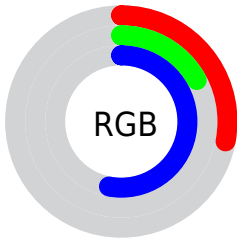
Format	Color
R_{YB}	71, 43, 134
Decimal	4664198
CIE _{Lab}	26.12, 35.40, -46.59
CIE _{LCh}	26, 58.508, 307.228
Yxy	4.7881, 0.2181, 0.1345
Android (android.graphics.Color)	4282854278 (0xFF472B86)
YUV	61.7460, 35.6212, 8.1158
Hunter-Lab	21.8817, 25.0521, -47.1601

Details

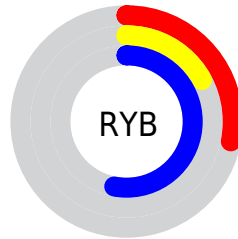
The YIQ color **61.7460, -12.5230, 34.2370** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **115.2540, 12.5230, -34.2370**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **111.6370, -10.5980, 37.8980**, and **12.7510, -20.0870, 28.1450** is the 20% darker color. If you saturate the color by 10%, you get **51.4240, -14.3120, 39.1280**, and if you desaturate by 10%, it is **72.0680, -10.7340, 29.3460**.

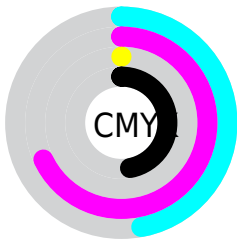
Distribution



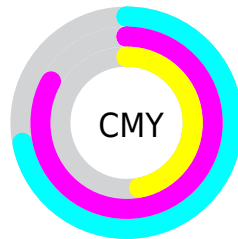
- Red (28%)
- Green (17%)
- Blue (53%)



- Red (28%)
- Yellow (17%)
- Blue (53%)



- Cyan (47%)
- Magenta (68%)
- Yellow (0%)
- Black (47%)



- Cyan (72%)
- Magenta (83%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.7460, -12.5230, 34.2370 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 61.7460, -12.5230, 34.2370 by changing the saturation by 10% instead.

61.7460, -12.5230,
34.2370

61.7460, -12.5230,
34.2370

255.0000, -0.0000,
-0.0000

37.2080, -13.9440,
32.4560

111.6370,
-10.5980, 37.8980

12.7510, -20.0870,
28.1450

138.1640,
-10.6440, 38.7320

6.8400, -19.2600,
18.6600

164.5170,
-10.1400, 40.6120

5.3920, -12.4270,
10.4610

190.1770, -3.4910,
35.7490

2.0690, -4.4480,
3.5200

215.2840, 6.0930,
27.2530

0.0000, 0.0000,
0.0000

236.8030, 8.5250,

16.2130

253.8260, 0.5500,
1.0460

■ 61.7460, -12.5230,
34.2370

■ 61.7460, -12.5230,
34.2370

■ 51.4240, -14.3120,
39.1280

■ 72.0680, -10.7340,
29.3460

■ 40.2160, -16.4220,
44.3300

■ 83.2760, -8.6240,
24.1440

■ 29.8940, -18.2110,
49.2210

■ 93.5980, -6.8350,
19.2530

■ 27.5350, -18.5780,
50.3660

■ 104.5070, -5.3210,
13.8390

■ 114.8290, -3.5320,
8.9480

■ 125.4500, -1.1470,
4.2690

■ 136.3590, 0.3670,
-1.1450

■ 146.6810, 2.1560,
-6.0360

■ 157.5900, 3.6700,
-11.4500

Harmonies

Analogous

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



55.4830, -66.6670, 13.2770



61.7460, -12.5230, 34.2370



47.2370, 40.9790, 55.8190

Triad

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



61.7460, -12.5230, 34.2370



57.7990, 48.7380, -2.2220



54.5810, -44.8370, -18.9250

Complementary

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



61.7460, -12.5230, 34.2370



115.2540, 12.5230, -34.2370

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.



48.5220, -29.1540, -33.3300



61.7460, -12.5230, 34.2370



57.6010, 22.3320, -19.2680

Square

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



61.7460, -12.5230, 34.2370



44.4670, 71.2450, 24.9170



46.1400, -13.5190, -35.8470



59.4830, -58.6400, -5.5520

Rectangle

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



61.7460, -12.5230, 34.2370



47.8180, 58.0360, 49.5560



46.1400, -13.5190, -35.8470



52.7570, -39.7010, -23.9010

Sweetspot

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



61.7460, -12.5230, 34.2370



145.8660, -4.9540, 12.6940



90.9420, -46.8110, -5.1710



70.1880, -3.1650, 7.8030



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



61.7460, -12.5230, 34.2370



61.8170, -19.3120, 52.6560



75.2010, 14.2970, 43.7770



61.2820, -0.7340, 2.2900



26.7800, -17.8900, 48.9100



0.6410, -0.3670, 1.1450

Inverse Universe

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



77.3910, 34.0130, 38.8850



85.9180, 52.3030, 59.8470



101.7990, -14.2970, -43.7770



62.2500, 2.2920, 2.5160



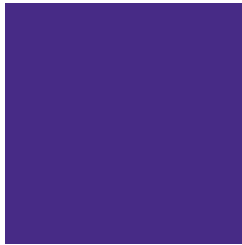
49.1300, 48.5900, 55.5500



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 61.7460, -12.5230, 34.2370 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 ✓ Pass

Black Background



This preview shows how the YIQ color 61.7460, -12.5230, 34.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

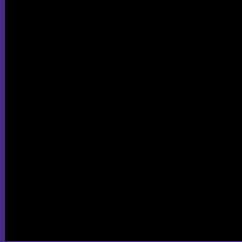
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.7460, -12.5230, 34.2370

Background



This preview shows how black text looks on a background with the YIQ color 61.7460, -12.5230, 34.2370.



This preview shows how white text looks on a background with the YIQ color 61.7460, -12.5230,

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

61.7460, -12.5230, 34.2370

Protanopia

49.6980, -57.2670, 8.1170

Deuteranopia

50.1080, -52.9100, 0.7380



Tritanopia

61.5800, -7.5650, -0.5650

Trichromacy



Original Color

61.7460, -12.5230, 34.2370

Protanomaly

54.2920, -41.0840, 17.7000

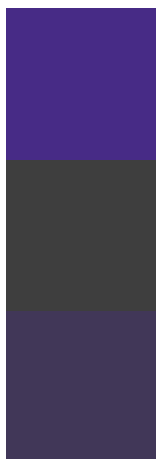
Deuteranomaly

54.2120, -38.1030, 13.2330

Tritanomaly

61.4140, -9.4930, 12.3550

Monochromacy



Original Color

61.7460, -12.5230, 34.2370

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.7520, -4.6330, 12.3830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.7460, -12.5230, 34.2370 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(71, 43, 134)` looks like.

```
.text, #text, p{  
    color:rgb(71, 43, 134)  
}
```

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(71, 43, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 43, 134) }
```

Border

The CSS property to change the border of an element to YIQ 61.7460, -12.5230, 34.2370 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(71, 43, 134) }
```


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

```
.border{ border-color:rgb(71, 43, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 43, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 43, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 43, 134);  
box-shadow:4px 4px 4px 4px rgb(71, 43,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 61.7460, -12.5230, 34.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 43, 134) }
```

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

```
.background{ background-color: rgb(71, 43,  
134) }
```

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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