

Converting Colors

YIQ(60.1190, -14.7710, 41.9410)

Have a look what the booklet for
YIQ(60.1190, -14.7710, 41.9410)
contains.

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Color

**YIQ(60.1190, -14.7710,
41.9410)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 482594 |
| RGB | 72, 37, 148 |
| RGB Percent | 28%, 15%, 58% |
| CMY | 0.7175, 0.8550, 0.4198 |
| CMYK | 0.51, 0.75, 0.00, 0.42 |
| HSL | 259°, 60%, 36% |
| HSV | 259°, 75%, 58% |
| XYZ | 8.6789, 4.8384, 28.4781 |
| YIQ | 60.1190, -14.7710, 41.9410 |

Conversions

Conversions Part 2

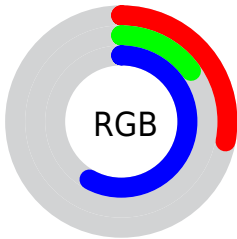
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 72, 37, 148 |
| Decimal | 4728212 |
| CIE _{Lab} | 26.27, 42.96, -55.02 |
| CIE _{LCh} | 26, 69.808, 307.979 |
| Yxy | 4.8384, 0.2067, 0.1152 |
| Android (android.graphics.Color) | 4282918292 (0xFF482594) |
| YUV | 60.1190, 43.3253, 10.4196 |
| Hunter-Lab | 21.9964, 31.9353, -61.3638 |

Details

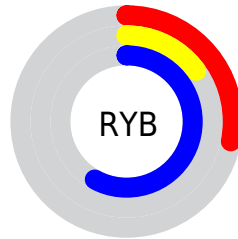
The YIQ color **60.1190, -14.7710, 41.9410** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **124.8810, 14.7710, -41.9410**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **111.8960, -12.5250, 45.2910**, and **10.9440, -30.8160, 29.8560** is the 20% darker color. If you saturate the color by 10%, you get **48.3240, -16.6060, 47.6660**, and if you desaturate by 10%, it is **71.9140, -12.9360, 36.2160**.

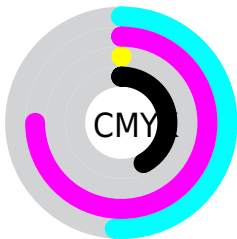
Distribution



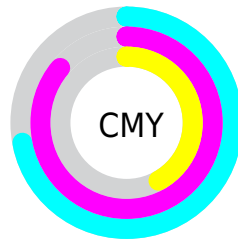
- Red (28%)
- Green (15%)
- Blue (58%)



- Red (28%)
- Yellow (15%)
- Blue (58%)



- Cyan (51%)
- Magenta (75%)
- Yellow (0%)
- Black (42%)



- Cyan (72%)
- Magenta (86%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 60.1190, -14.7710, 41.9410 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 60.1190, -14.7710, 41.9410 by changing the saturation by 10% instead.

60.1190, -14.7710,
41.9410

60.1190, -14.7710,
41.9410

255.0000, -0.0000,
-0.0000

33.5100, -17.4300,
40.5700

111.8960,
-12.5250, 45.2910

10.9440, -30.8160,
29.8560

138.2490,
-12.0210, 47.1710

8.2080, -23.1120,
22.3920

164.8040, -9.2700,
46.8740

7.8200, -16.5080,
12.8360

189.0250, -0.0070,
38.6890

3.5510, -8.6210,
7.5630

213.8440, 10.4480,
30.9280

0.0000, 0.0000,
0.0000

233.8680, 9.9000,

18.8280

250.8910, 1.9250,
3.6610

60.1190, -14.7710,
41.9410

60.1190, -14.7710,
41.9410

48.3240, -16.6060,
47.6660

71.9140, -12.9360,
36.2160

36.5290, -18.4410,
53.3910

83.7090, -11.1010,
30.4910

30.9250, -19.4960,
55.9920

94.9170, -8.9910,
25.2890

107.0110, -6.5600,
19.7760

118.8060, -4.7250,
14.0510

■ 130.6010, -2.8900,
8.3260

■ 142.3960, -1.0550,
2.6010

■ 153.6040, 1.0550,
-2.6010

■ 165.3990, 2.8900,
-8.3260

Harmonies

Analogous

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



58.2360, -73.0410, 18.6630



60.1190, -14.7710, 41.9410



51.2100, 45.6090, 60.0170

Triad

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



60.1190, -14.7710, 41.9410



57.5330, 52.5430, 0.4070



56.2110, -46.6710, -18.7270

Complementary

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



60.1190, -14.7710, 41.9410



124.8810, 14.7710, -41.9410

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.



48.8980, -27.4570, -36.5530



60.1190, -14.7710, 41.9410



57.5900, 20.8650, -20.2150

Square

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



60.1190, -14.7710, 41.9410



41.2620, 82.2480, 29.2560



44.0250, -20.6250, -39.2250



62.7260, -63.6380, -3.0780

Rectangle

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



60.1190, -14.7710, 41.9410



51.7050, 65.7840, 52.3120



44.0250, -20.6250, -39.2250



54.0450, -40.5720, -24.6360

Sweetspot

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



60.1190, -14.7710, 41.9410



156.2020, -5.7800, 16.6520



95.4400, -57.0810, -6.2730



75.4700, -3.8990, 10.0930



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



60.1190, -14.7710, 41.9410



54.7540, -23.0280, 64.9400



76.2650, 17.4130, 53.3890



68.3960, -1.0550, 2.6010



28.5890, -18.6700, 52.0340



2.0370, -1.4220, 3.7460

Inverse Universe

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



78.8530, 41.7600, 47.1680



83.8800, 64.6340, 73.1620



108.7350, -17.4130, -53.3890



69.6630, 2.5670, 3.0390



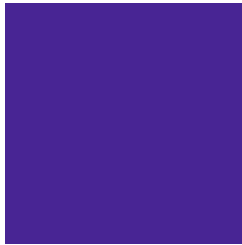
51.9780, 52.0740, 58.4900



3.7880, 3.7130, 4.2970

Previews

White Background



This preview shows how the YIQ color 60.1190, -14.7710, 41.9410 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 60.1190, -14.7710, 41.9410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

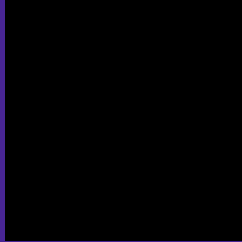
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.1190, -14.7710, 41.9410

Background



This preview shows how black text looks on a background with the YIQ color 60.1190, -14.7710, 41.9410.



This preview shows how white text looks on a background with the YIQ color 60.1190, -14.7710,

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

60.1190, -14.7710, 41.9410

Protanopia

50.3990, -57.8630, 7.9050

Tritanopia

60.9000, -11.4620, -1.5260

Trichromacy



Original Color

60.1190, -14.7710, 41.9410

Protanomaly

53.6880, -42.1390, 20.3010

Tritanomaly

60.6140, -12.9320, 14.1080

Monochromacy



Original Color

60.1190, -14.7710, 41.9410

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

60.1480, -5.6880, 14.9840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.1190, -14.7710, 41.9410 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(72, 37, 148)` looks like.

```
.text, #text, p{  
    color:rgb(72, 37, 148)  
}
```

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(72, 37, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 37, 148) }
```

Border

The CSS property to change the border of an element to YIQ 60.1190, -14.7710, 41.9410 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(72, 37, 148) }
```

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

```
.border{ border-color:rgb(72, 37, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 37, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 37, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 37, 148);  
box-shadow:4px 4px 4px 4px rgb(72, 37,  
148) }
```


Background

The CSS property to change the background color of an element to YIQ 60.1190, -14.7710, 41.9410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 37, 148) }
```

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

```
.background{ background-color: rgb(72, 37,  
148) }
```

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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