

Converting Colors

YIQ(40.8410, -2.6650, 31.7910)

Have a look what the booklet for
YIQ(40.8410, -2.6650, 31.7910)
contains.

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Color

**YIQ(40.8410, -2.6650,
31.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	3A1562
RGB	58, 21, 98
RGB Percent	23%, 8%, 38%
CMY	0.7724, 0.9177, 0.6158
CMYK	0.41, 0.79, 0.00, 0.62
HSL	269°, 65%, 23%
HSV	269°, 79%, 38%
XYZ	4.2186, 2.3179, 11.7759
YIQ	40.8410, -2.6650, 31.7910

Conversions

Conversions Part 2

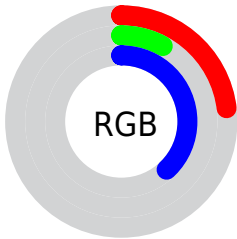
Format	Color
R_{YB}	58, 21, 98
Decimal	3806562
CIE _{Lab}	17.07, 34.47, -38.26
CIE _{LCh}	17, 51.501, 312.013
Yxy	2.3179, 0.2304, 0.1266
Android (android.graphics.Color)	4281996642 (0xFF3A1562)
YUV	40.8410, 28.1794, 15.0484
Hunter-Lab	15.2245, 22.8180, -35.2027

Details

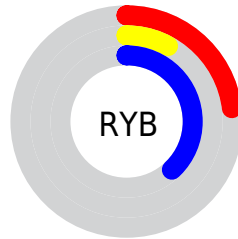
The YIQ color **40.8410, -2.6650, 31.7910** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **78.1590, 2.6650, -31.7910**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **89.4930, -1.5650, 33.8830**, and **7.9070, -12.1990, 17.3450** is the 20% darker color. If you saturate the color by 10%, you get **33.4760, -2.8950, 35.9610**, and if you desaturate by 10%, it is **48.2060, -2.4350, 27.6210**.

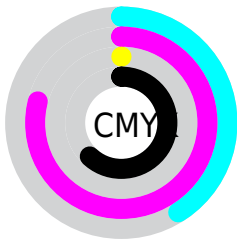
Distribution



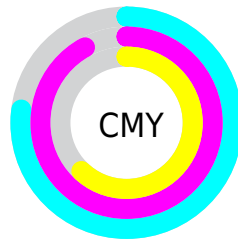
- Red (23%)
- Green (8%)
- Blue (38%)



- Red (23%)
- Yellow (8%)
- Blue (38%)



- Cyan (41%)
- Magenta (79%)
- Yellow (0%)
- Black (62%)



- Cyan (77%)
- Magenta (92%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.8410, -2.6650, 31.7910 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 40.8410, -2.6650, 31.7910 by changing the saturation by 10% instead.

40.8410, -2.6650,
31.7910

40.8410, -2.6650,
31.7910

255.0000, -0.0000,
-0.0000

18.3030, -4.0860,
30.0100

89.4930, -1.5650,
33.8830

7.9070, -12.1990,
17.3450

114.7320, -0.7400,
35.4520

4.3660, -9.5380,
7.6620

141.2590, -0.7860,
36.2860

0.0000, 0.0000,
0.0000


168.0850, -0.2360,
37.3320


194.3410, 1.9190,
36.8230


219.4480, 11.5030,


28.3270


 237.9770, 7.9750,
15.1670


 40.8410, -2.6650,
31.7910


 40.8410, -2.6650,
31.7910


 33.4760, -2.8950,
35.9610


 48.2060, -2.4350,
27.6210


 26.1110, -3.1250,
40.1310

 55.5710, -2.2050,
23.4510

 25.2250, -3.4460,
40.4420

 62.3490, -1.7000,
19.8040

 69.7140, -1.4700,
15.6340

 77.0790, -1.2400,
11.4640

■ 84.7430, -0.4140,
7.5060

■ 92.1080, -0.1840,
3.3360

■ 98.8860, 0.3210,
-0.3110

■ 106.2510, 0.5510,
-4.4810

Harmonies

Analogous

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



38.4650, -49.0610, 13.5870



40.8410, -2.6650, 31.7910



35.6300, 34.8380, 40.4540

Triad

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



40.8410, -2.6650, 31.7910



40.0130, 33.5160, -1.6840



39.3700, -33.6970, -11.5610

Complementary

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



40.8410, -2.6650, 31.7910



78.1590, 2.6650, -31.7910

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.



34.2230, -20.5820, -23.4780



40.8410, -2.6650, 31.7910



38.3750, 11.4650, -15.0550

Square

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



40.8410, -2.6650, 31.7910



27.8070, 55.4280, 19.7160



30.5240, -14.3000, -27.1960



43.3600, -44.9320, -0.6760

Rectangle

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



40.8410, -2.6650, 31.7910



35.1720, 47.6310, 34.3750



30.5240, -14.3000, -27.1960



37.8880, -29.5240, -15.6040

Sweetspot

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



40.8410, -2.6650, 31.7910



105.0190, -1.0110, 12.8210



53.8450, -35.9920, 2.5040



49.8570, -0.7350, 7.8170



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



40.8410, -2.6650, 31.7910



38.7230, -4.5480, 49.4040



51.9040, 19.3870, 39.6350



45.0540, -0.0920, 1.6680



28.9140, -3.7680, 46.2800



61.7450, -8.5000, 99.0200

Inverse Universe

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



48.5830, 33.0520, 28.7640



50.9480, 51.6180, 44.7220



67.0960, -19.3870, -39.6350



45.4240, 1.7420, 1.4700



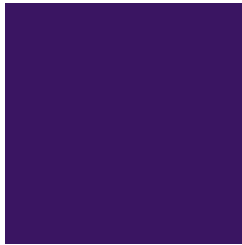
40.1000, 48.1340, 41.7820



85.8960, 103.2360, 89.4440

Previews

White Background



This preview shows how the YIQ color 40.8410, -2.6650, 31.7910 looks on a white background.

Color Contrast Check

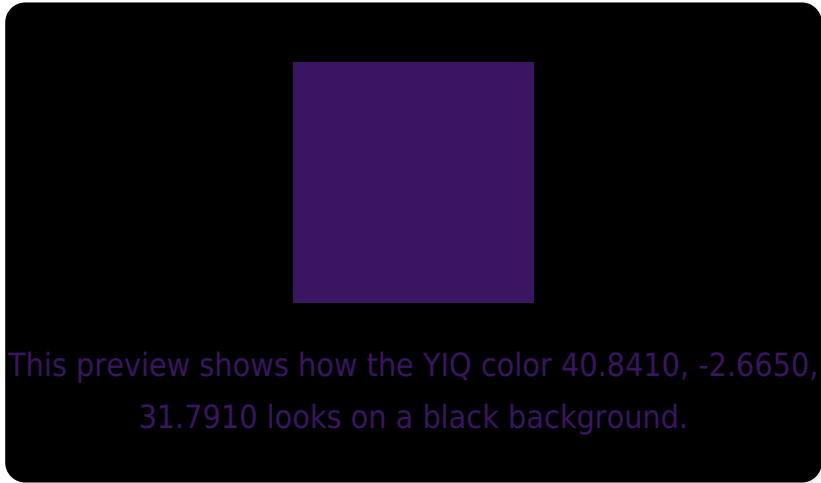
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

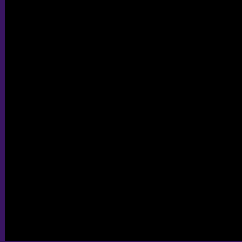
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 40.8410, -2.6650, 31.7910

Background



This preview shows how black text looks on a background with the YIQ color 40.8410, -2.6650, 31.7910.



This preview shows how white text looks on a background with the YIQ color 40.8410, -2.6650,

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

40.8410, -2.6650, 31.7910

Protanopia

34.6860, -39.7980, 5.4020

Deuteranopia

34.4920, -36.4960, 0.6240



Tritanopia

43.5380, 1.4210, 1.7810

Trichromacy



Original Color

40.8410, -2.6650, 31.7910

Protanomaly

36.7250, -26.3660, 15.2820

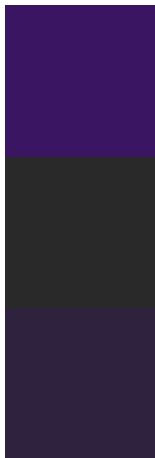
Deuteranomaly

36.9870, -24.3480, 11.7480

Tritanomaly

42.2040, -0.0940, 12.7220

Monochromacy



Original Color

40.8410, -2.6650, 31.7910

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

41.0790, -1.2400, 11.4640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.8410, -2.6650, 31.7910 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(58, 21, 98)` looks like.

```
.text, #text, p{  
    color:rgb(58, 21, 98)  
}
```

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(58, 21, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 21, 98) }
```

Border

The CSS property to change the border of an element to YIQ 40.8410, -2.6650, 31.7910 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(58, 21, 98) }
```


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

```
.border{ border-color:rgb(58, 21, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 21, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 21, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 21, 98);  
box-shadow:4px 4px 4px 4px rgb(58, 21, 98)  
}
```

Background

The CSS property to change the background color of an element to YIQ 40.8410, -2.6650, 31.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 21, 98) }
```

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

```
.background{ background-color: rgb(58, 21,  
98) }
```

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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