

Converting Colors

YIQ(41.6540, 6.7860, -1.8380)

Have a look what the booklet for
YIQ(41.6540, 6.7860, -1.8380)
contains.

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Color

**YIQ(41.6540, 6.7860,
-1.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	2F291F
RGB	47, 41, 31
RGB Percent	18%, 16%, 12%
CMY	0.8157, 0.8392, 0.8784
CMYK	0.00, 0.13, 0.34, 0.82
HSL	37°, 21%, 15%
HSV	37°, 34%, 18%
XYZ	2.2127, 2.2891, 1.6221
YIQ	41.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

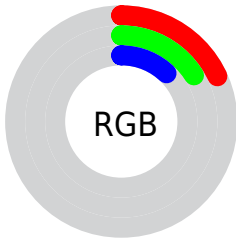
Format	Color
RYB	41, 47, 31
Decimal	3090719
CIELab	16.94, 0.80, 7.57
CIElCh	17, 7.617, 83.971
Yxy	2.2891, 0.3613, 0.3738
Android (android.graphics.Color)	4281280799 (0xFF2F291F)
YUV	41.6540, -5.2524, 4.6884
Hunter-Lab	15.1296, -0.3717, 4.2339

Details

The YIQ color **41.6540, 6.7860, -1.8380** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36.3460, -6.7860, 1.8380**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **86.8390, 7.7030, -1.9370**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **39.9100, 8.9410, -2.3470**, and if you desaturate by 10%, it is **43.3980, 4.6310, -1.3290**.

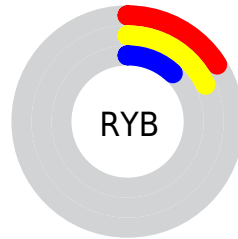
Distribution



Red (18%)

Green (16%)

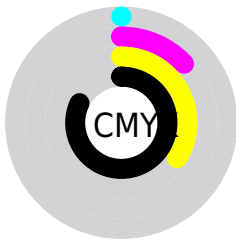
Blue (12%)



Red (16%)

Yellow (18%)

Blue (12%)

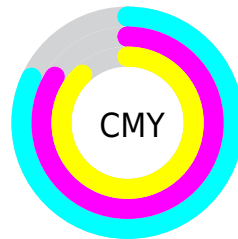


Cyan (0%)

Magenta (13%)

Yellow (34%)

Black (82%)



Cyan (82%)

Magenta (84%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.6540, 6.7860, -1.8380 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 41.6540, 6.7860, -1.8380 by changing the saturation by 10% instead.

■ 41.6540, 6.7860,
-1.8380

■ 41.6540, 6.7860,
-1.8380

■ 255.0000, -0.0000,
-0.0000

■ 21.1980, 8.0700,
-3.0820

■ 86.8390, 7.7030,
-1.9370

■ 0.0000, 0.0000,
0.0000

■ 111.1380, 8.2990,
-1.7250

■ 137.0240, 8.6200,
-2.0360

■ 162.9100, 8.9410,
-2.3470

■ 190.2090, 9.5370,
-2.1350

■ 218.0950, 9.8580,

-2.4460

■ 246.2090, 9.5370,
-2.1350

■ 41.6540, 6.7860,
-1.8380

■ 41.6540, 6.7860,
-1.8380

■ 39.9100, 8.9410,
-2.3470

■ 43.3980, 4.6310,
-1.3290

■ 38.2800, 10.7750,
-2.5450

■ 45.0280, 2.7970,
-1.1310

■ 37.1230, 12.6550,
-3.5770

■ 46.1850, 0.9170,
-0.0990

■ 35.3790, 14.8100,
-4.0860

■ 47.9290, -1.2380,
0.4100

■ 33.7490, 16.6440,
-4.2840

■ 49.6730, -3.3930,
0.9190

■ 32.0050, 18.7990,
-4.7930

■ 51.3030, -5.2270,
1.1170

■ 31.0760, 20.0370,
-5.2030

■ 52.4600, -7.1070,
2.1490

■ 54.2040, -9.2620,
2.6580

■ 55.8340, -11.0960,
2.8560

Harmonies

Analogous

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



41.9040, 9.0780, 0.6780



41.6540, 6.7860, -1.8380



41.1480, 2.3390, -3.8450

Triad

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



41.6540, 6.7860, -1.8380



39.7320, -11.0490, -3.5050



42.7170, 2.4750, 4.7070

Complementary

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



41.6540, 6.7860, -1.8380



36.3460, -6.7860, 1.8380

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.



42.2540, -3.5310, 3.4210



41.6540, 6.7860, -1.8380



39.9000, -11.4620, -1.5260

Square

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



41.6540, 6.7860, -1.8380



39.9450, -7.3350, -4.7350



41.3350, -8.2530, 0.8910



42.7560, 6.7390, 4.5230

Rectangle

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



41.6540, 6.7860, -1.8380



40.7670, -0.9620, -4.5940



41.3350, -8.2530, 0.8910



42.9340, 0.3660, 4.3820

Sweetspot

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



41.6540, 6.7860, -1.8380



59.1420, 2.4760, -0.8200



36.4680, 7.6100, 5.2580



29.3700, 1.8340, -0.1980



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



41.6540, 6.7860, -1.8380



52.8670, 10.5000, -3.0680



44.5780, 3.9440, -5.4000



22.1850, 0.9170, -0.0990



57.7110, 37.0020, -9.7980



142.6440, 90.6940, -24.7140

Inverse Universe

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



36.3460, -6.7860, 1.8380



44.7200, -10.7750, 2.5450



33.4220, -3.9440, 5.4000



21.8150, -0.9170, 0.0990



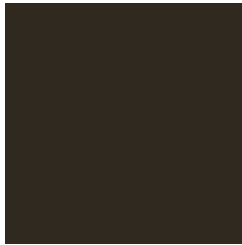
29.2890, -37.0020, 9.7980



71.3560, -90.6940, 24.7140

Previews

White Background



This preview shows how the YIQ color 41.6540, 6.7860, -1.8380 looks on a white background.

Color Contrast Check

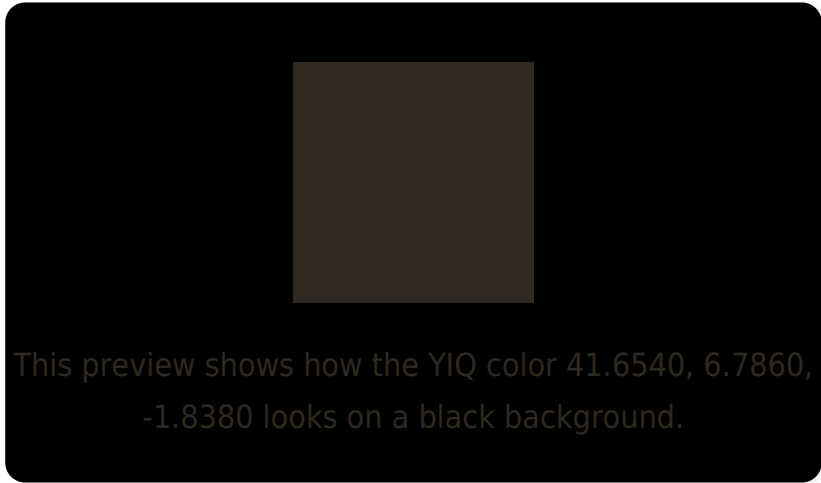
Large Text (above 18pt) WCAG AA ✓ Pass

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

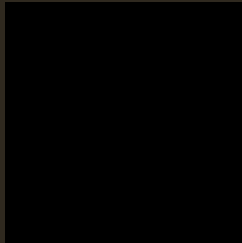
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.6540, 6.7860, -1.8380

Background



This preview shows how black text looks on a background with the YIQ color 41.6540, 6.7860, -1.8380.



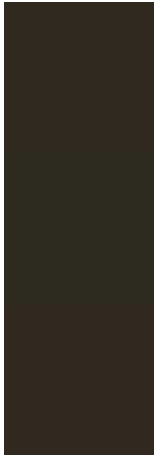
This preview shows how white text looks on a background with the YIQ color 41.6540, 6.7860,

-1.8380.

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

41.6540, 6.7860, -1.8380

Protanopia

41.6430, 5.3190, -2.7850

Deuteranopia

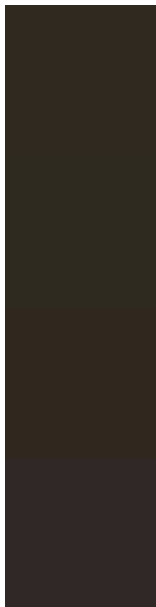
41.6650, 8.2530, -0.8910



Tritanopia

42.1470, 4.0800, 3.1520

Trichromacy



Original Color

41.6540, 6.7860, -1.8380

Protanomaly

41.9420, 5.9150, -2.5730

Deuteranomaly

41.3660, 7.6570, -1.1030

Tritanomaly

42.2780, 5.0890, 1.3850

Monochromacy



Original Color

41.6540, 6.7860, -1.8380

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

42.1420, 2.4760, -0.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.6540, 6.7860, -1.8380 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(47, 41, 31)` looks like.

```
.text, #text, p{  
    color:rgb(47, 41, 31)  
}
```

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(47, 41, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 41, 31) }
```

Border

The CSS property to change the border of an element to YIQ 41.6540, 6.7860, -1.8380 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(47, 41, 31) }
```


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

```
.border{ border-color:rgb(47, 41, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 41, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 41, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 41, 31);  
box-shadow:4px 4px 4px 4px rgb(47, 41, 31)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.6540, 6.7860, -1.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 41, 31) }
```

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

```
.background{ background-color: rgb(47, 41,  
31) }
```

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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