

Converting Colors

YIQ(37.4630, 6.0060, 1.2860)

Have a look what the booklet for
YIQ(37.4630, 6.0060, 1.2860)
contains.

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Color

YIQ(37.4630, 6.0060, 1.2860)

Conversions

Conversions Part 1

Format	Color
Hex	2C2321
RGB	44, 35, 33
RGB Percent	17%, 14%, 13%
CMY	0.8274, 0.8628, 0.8706
CMYK	0.00, 0.20, 0.25, 0.83
HSL	11°, 14%, 15%
HSV	11°, 25%, 17%
XYZ	1.9145, 1.8473, 1.6950
YIQ	37.4630, 6.0060, 1.2860

Conversions

Conversions Part 2

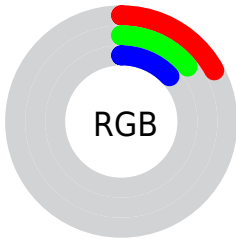
Format	Color
RYB	44, 35, 33
Decimal	2892577
CIELab	14.66, 3.87, 2.93
CIElCh	15, 4.853, 37.163
Yxy	1.8473, 0.3508, 0.3385
Android (android.graphics.Color)	4281082657 (0xFF2C2321)
YUV	37.4630, -2.2003, 5.7329
Hunter-Lab	13.5914, 1.3580, 2.1200

Details

The YIQ color **37.4630, 6.0060, 1.2860** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **39.5370, -6.0060, -1.2860**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **82.0610, 7.1980, 1.7100**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.6590, 8.3900, 2.1340**, and if you desaturate by 10%, it is **40.2670, 3.6220, 0.4380**.

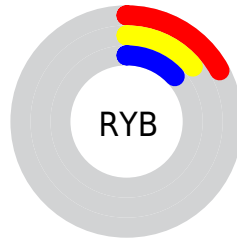
Distribution



Red (17%)

Green (14%)

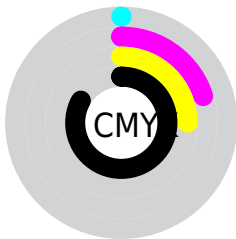
Blue (13%)



Red (17%)

Yellow (14%)

Blue (13%)

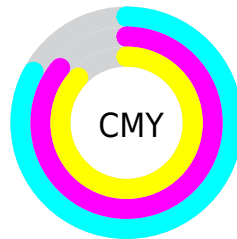


Cyan (0%)

Magenta (20%)

Yellow (25%)

Black (83%)



Cyan (83%)

Magenta (86%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 37.4630, 6.0060, 1.2860 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 37.4630, 6.0060, 1.2860 by changing the saturation by 10% instead.

■ 37.4630, 6.0060,
1.2860

■ 37.4630, 6.0060,
1.2860

■ 255.0000, -0.0000,
-0.0000

■ 15.9470, 7.5190,
1.3990

■ 82.0610, 7.1980,
1.7100

■ 0.0000, 0.0000,
0.0000

■ 106.0610, 7.1980,
1.7100

■ 131.3600, 7.7940,
1.9220

■ 157.3600, 7.7940,
1.9220

■ 184.2460, 8.1150,
1.6110

■ 212.2460, 8.1150,

1.6110

■ 240.5450, 8.7110,
1.8230

■ 37.4630, 6.0060,
1.2860

■ 37.4630, 6.0060,
1.2860

■ 34.6590, 8.3900,
2.1340

■ 40.2670, 3.6220,
0.4380

■ 32.3280, 10.8200,
2.1480

■ 42.5980, 1.1920,
0.4240

■ 29.5240, 13.2040,
2.9960

■ 45.4020, -1.1920,
-0.4240

■ 27.1930, 15.6340,
3.0100

■ 47.7330, -3.6220,
-0.4380

■ 24.3890, 18.0180,
3.8580

■ 50.5370, -6.0060,
-1.2860

■ 21.5850, 20.4020,
4.7060

■ 53.3410, -8.3900,
-2.1340

■ 19.2540, 22.8320,
4.7200

■ 55.6720, -10.8200,
-2.1480

■ 17.8520, 24.0240,
5.1440

■ 58.4760, -13.2040,
-2.9960

■ 60.8070, -15.6340,
-3.0100

Harmonies

Analogous

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



37.8050, 5.0430, 2.2190



37.4630, 6.0060, 1.2860



37.2240, 5.1810, -0.2830

Triad

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



37.4630, 6.0060, 1.2860



36.0380, -3.1630, -3.2510



36.9010, -4.0350, 1.5410

Complementary

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



37.4630, 6.0060, 1.2860



39.5370, -6.0060, -1.2860

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.



36.1780, -6.3730, -0.1410



37.4630, 6.0060, 1.2860



35.8960, -5.6390, -2.4310

Square

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



37.4630, 6.0060, 1.2860



36.4190, 0.1380, -2.5020



35.9390, -7.1980, -1.7100



37.5810, -0.1380, 2.5020

Rectangle

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



37.4630, 6.0060, 1.2860



37.0990, 4.0350, -1.5410



35.9390, -7.1980, -1.7100



36.6020, -4.6310, 1.3290

Sweetspot

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



37.4630, 6.0060, 1.2860



53.7830, 2.1090, 0.3250



37.3150, 3.6670, 5.1310



26.5980, 1.1920, 0.4240



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



37.4630, 6.0060, 1.2860



45.8440, 9.3070, 2.0350



40.3980, 4.6310, -1.3290



21.5980, 1.1920, 0.4240



35.4050, 47.4520, 10.0760



86.8790, 116.8190, 24.9710

Inverse Universe

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



39.5370, -6.0060, -1.2860



49.1560, -9.3070, -2.0350



36.6020, -4.6310, 1.3290



22.4020, -1.1920, -0.4240



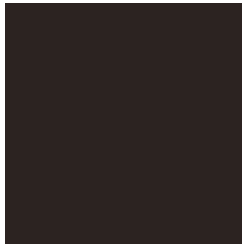
51.5950, -47.4520, -10.0760



127.1210, -116.8190, -24.9710

Previews

White Background



This preview shows how the YIQ color 37.4630, 6.0060, 1.2860 looks on a white background.

Color Contrast Check

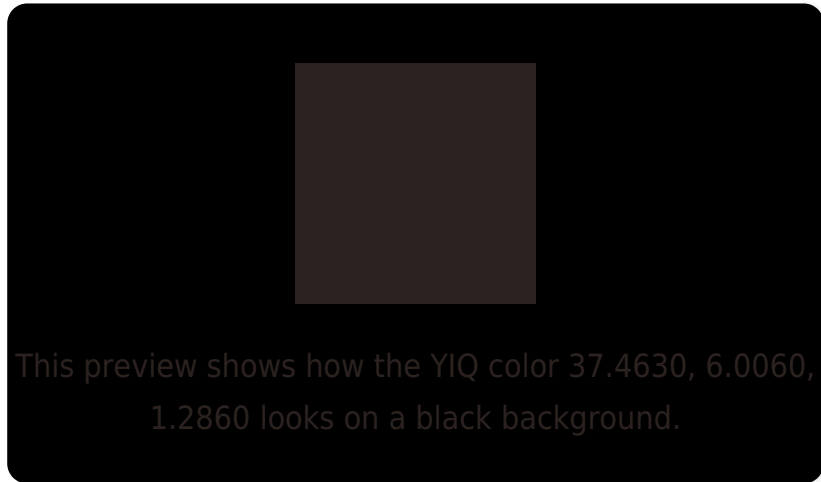
Large Text (above 18pt) WCAG AA ✓ Pass

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

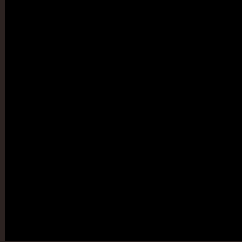
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 37.4630, 6.0060, 1.2860

Background



This preview shows how black text looks on a background with the YIQ color 37.4630, 6.0060, 1.2860.

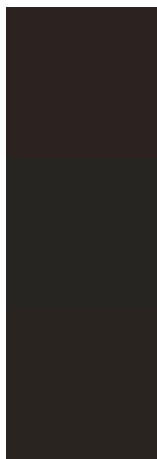


This preview shows how white text looks on a background with the YIQ color 37.4630, 6.0060, 1.2860.

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

37.4630, 6.0060, 1.2860

Protanopia

36.9570, 1.5590, -0.7210

Deuteranopia

37.4520, 4.5390, 0.3390



Tritanopia

37.3320, 4.9970, 3.0530

Trichromacy



Original Color

37.4630, 6.0060, 1.2860

Protanomaly

36.9680, 3.0260, 0.2260

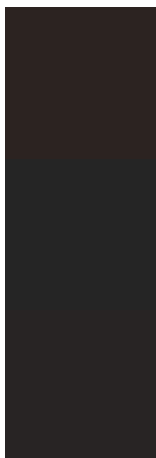
Deuteranomaly

37.7510, 5.1350, 0.5510

Tritanomaly

37.2180, 5.3180, 2.7420

Monochromacy



Original Color

37.4630, 6.0060, 1.2860

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

37.1960, 2.3840, 0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.4630, 6.0060, 1.2860 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(44, 35, 33)` looks like.

```
.text, #text, p{  
    color:rgb(44, 35, 33)  
}
```

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(44, 35, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 35, 33) }
```

Border

The CSS property to change the border of an element to YIQ 37.4630, 6.0060, 1.2860 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(44, 35, 33) }
```

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

```
.border{ border-color:rgb(44, 35, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 35, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 35, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 35, 33);  
box-shadow:4px 4px 4px 4px rgb(44, 35, 33)  
}
```


Background

The CSS property to change the background color of an element to YIQ 37.4630, 6.0060, 1.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 35, 33) }
```

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

```
.background{ background-color: rgb(44, 35,  
33) }
```

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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