

Converting Colors

YIQ(42.9140, 3.1180, -1.4420)

Have a look what the booklet for
YIQ(42.9140, 3.1180, -1.4420)
contains.

YIQ(42.9140, 3.1180, -1.4420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(42.9140, 3.1180,
-1.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	2D2B25
RGB	45, 43, 37
RGB Percent	18%, 17%, 15%
CMY	0.8235, 0.8314, 0.8549
CMYK	0.00, 0.04, 0.18, 0.82
HSL	45°, 10%, 16%
HSV	45°, 18%, 18%
XYZ	2.2800, 2.4192, 2.0974
YIQ	42.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

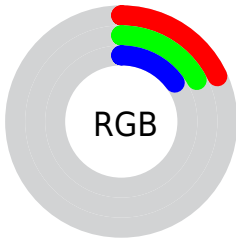
Format	Color
RYB	40, 45, 37
Decimal	2960165
CIELab	17.55, -0.41, 4.23
CIELCh	18, 4.250, 95.484
Yxy	2.4192, 0.3355, 0.3559
Android (android.graphics.Color)	4281150245 (0xFF2D2B25)
YUV	42.9140, -2.9156, 1.8294
Hunter-Lab	15.5537, -1.0525, 2.8924

Details

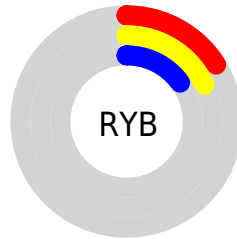
The YIQ color **42.9140, 3.1180, -1.4420** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **39.0860, -3.1180, 1.4420**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **88.2130, 3.7140, -1.2300**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **41.8710, 4.6770, -2.1630**, and if you desaturate by 10%, it is **44.0710, 1.2380, -0.4100**.

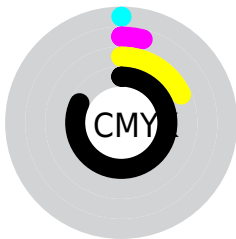
Distribution



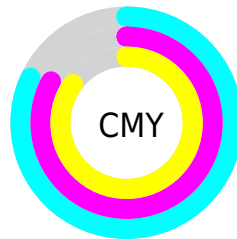
- Red (18%)
- Green (17%)
- Blue (15%)



- Red (16%)
- Yellow (18%)
- Blue (15%)



- Cyan (0%)
- Magenta (4%)
- Yellow (18%)
- Black (82%)



- Cyan (82%)
- Magenta (83%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 42.9140, 3.1180, -1.4420 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 42.9140, 3.1180, -1.4420 by changing the saturation by 10% instead.

■ 42.9140, 3.1180,
-1.4420

■ 42.9140, 3.1180,
-1.4420

■ 255.0000, -0.0000,
-0.0000

■ 22.8000, 3.4390,
-1.7530

■ 88.2130, 3.7140,
-1.2300

■ 0.0000, 0.0000,
0.0000

■ 112.8000, 3.4390,
-1.7530

■ 138.0990, 4.0350,
-1.5410

■ 164.0990, 4.0350,
-1.5410

■ 191.6860, 3.7600,
-2.0640

■ 218.9850, 4.3560,

-1.8520

■ 247.9850, 4.3560,
-1.8520

■ 42.9140, 3.1180,
-1.4420

■ 42.9140, 3.1180,
-1.4420

■ 41.8710, 4.6770,
-2.1630

■ 44.0710, 1.2380,
-0.4100

■ 40.7140, 6.5570,
-3.1950

■ 45.1140, -0.3210,
0.3110

■ 39.6710, 8.1160,
-3.9160

■ 46.2710, -2.2010,
1.3430

■ 37.9270, 10.2710,
-4.4250

■ 47.9010, -4.0350,
1.5410

■ 36.8840, 11.8300,
-5.1460

■ 49.0580, -5.9150,
2.5730

■ 35.7270, 13.7100,
-6.1780

■ 50.1010, -7.4740,
3.2940

■ 34.6840, 15.2690,
-6.8990

■ 51.2580, -9.3540,
4.3260

■ 33.5270, 17.1490,
-7.9310

■ 52.3010, -10.9130,
5.0470

■ 33.4130, 17.4700,
-8.2420

■ 53.4580, -12.7930,
6.0790

Harmonies

Analogous

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



43.3380, 4.8600, 0.0280



42.9140, 3.1180, -1.4420



42.7180, 0.7340, -2.2900

Triad

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



42.9140, 3.1180, -1.4420



42.1240, -6.2810, -1.8090



43.6630, 2.5670, 3.0390

Complementary

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



42.9140, 3.1180, -1.4420



39.0860, -3.1180, 1.4420

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.



43.2820, -0.7340, 2.2900



42.9140, 3.1180, -1.4420



42.3630, -5.4560, -0.2400

Square

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



42.9140, 3.1180, -1.4420



42.1950, -5.0430, -2.2190



43.0860, -3.1180, 1.4420



43.6200, 4.1260, 2.3180

Rectangle

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



42.9140, 3.1180, -1.4420



42.0490, -1.6960, -2.3040



43.0860, -3.1180, 1.4420



44.0650, 1.3750, 2.6150

Sweetspot

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



42.9140, 3.1180, -1.4420



58.0710, 1.2380, -0.4100



39.6200, 4.1260, 2.3180



30.1850, 0.9170, -0.0990



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.



42.9140, 3.1180, -1.4420



55.7570, 4.9980, -2.4740



43.4900, 1.3760, -2.9120



22.1850, 0.9170, -0.0990



64.1680, 33.9770, -15.5510



158.4930, 83.2690, -38.8350

Inverse Universe

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



39.0860, -3.1180, 1.4420



49.2430, -4.9980, 2.4740



38.5100, -1.3760, 2.9120



21.2280, -0.6420, 0.6220



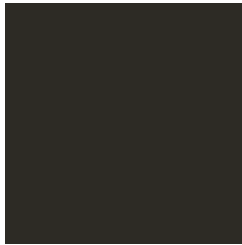
22.8320, -33.9770, 15.5510



56.0940, -83.5440, 38.3120

Previews

White Background



This preview shows how the YIQ color 42.9140, 3.1180, -1.4420 looks on a white background.

Color Contrast Check

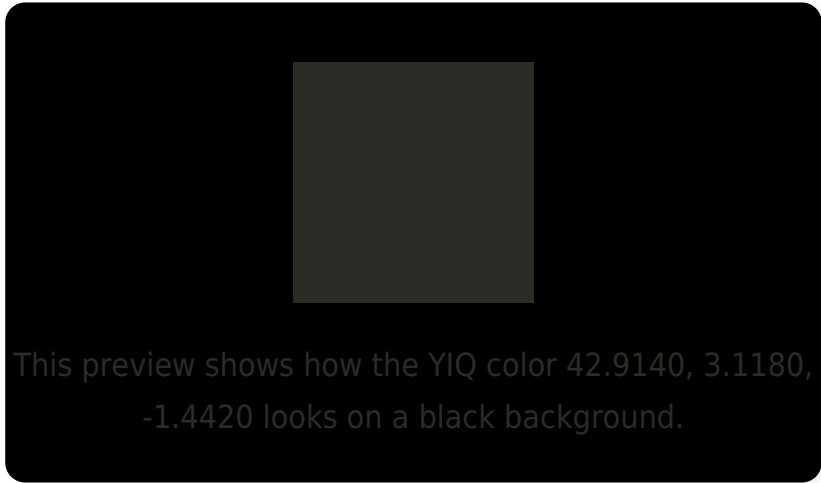
Large Text (above 18pt) WCAG AA ✓ Pass

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

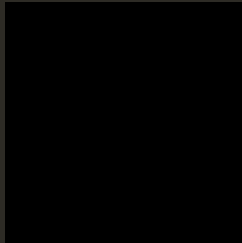
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 42.9140, 3.1180, -1.4420

Background



This preview shows how black text looks on a background with the YIQ color 42.9140, 3.1180, -1.4420.



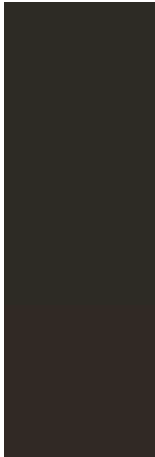
This preview shows how white text looks on a background with the YIQ color 42.9140, 3.1180,

-1.4420.

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

42.9140, 3.1180, -1.4420

Protanopia

42.9140, 3.1180, -1.4420

Deuteranopia

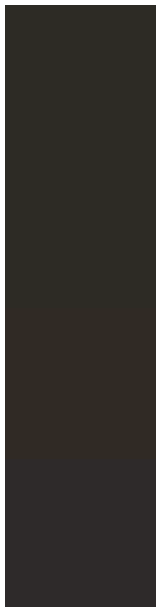
42.9360, 6.0520, 0.4520



Tritanopia

43.5380, 1.4210, 1.7810

Trichromacy



Original Color

42.9140, 3.1180, -1.4420

Protanomaly

42.9140, 3.1180, -1.4420

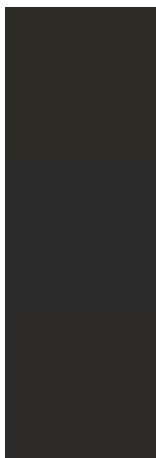
Deuteranomaly

43.2240, 5.1810, -0.2830

Tritanomaly

43.1960, 2.3840, 0.8480

Monochromacy



Original Color

42.9140, 3.1180, -1.4420

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

43.0710, 1.2380, -0.4100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 42.9140, 3.1180, -1.4420 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(45, 43, 37)` looks like.

```
.text, #text, p{  
    color:rgb(45, 43, 37)  
}
```

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(45, 43, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 43, 37) }
```

Border

The CSS property to change the border of an element to YIQ 42.9140, 3.1180, -1.4420 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(45, 43, 37) }
```


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

```
.border{ border-color:rgb(45, 43, 37) }
```

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

Here you see how a box with a 4 pixel rgb(45, 43, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 43, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 43, 37);  
box-shadow:4px 4px 4px 4px rgb(45, 43, 37)  
}
```

Background

The CSS property to change the background color of an element to YIQ 42.9140, 3.1180, -1.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 43, 37) }
```

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

```
.background{ background-color: rgb(45, 43,  
37) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor