

Converting Colors

YIQ(30.4250, 9.1690, 4.5370)

Have a look what the booklet for
YIQ(30.4250, 9.1690, 4.5370)
contains.

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Color

YIQ(30.4250, 9.1690, 4.5370)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 2A191C |
| RGB | 42, 25, 28 |
| RGB Percent | 16%, 10%, 11% |
| CMY | 0.8353, 0.9020, 0.8902 |
| CMYK | 0.00, 0.41, 0.33, 0.84 |
| HSL | 349°, 25%, 13% |
| HSV | 349°, 41%, 16% |
| XYZ | 1.5125, 1.2713, 1.2648 |
| YIQ | 30.4250, 9.1690, 4.5370 |

Conversions

Conversions Part 2

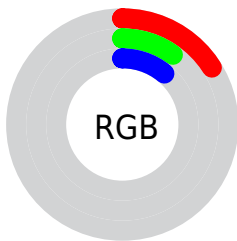
| Format | Color |
|-------------------------------------|------------------------------|
| R_YB | 42, 25, 28 |
| Decimal | 2758940 |
| CIE Lab | 11.07, 9.07, 1.38 |
| CIE LCh | 11, 9.172, 8.671 |
| Yxy | 1.2713, 0.3736, 0.3140 |
| Android (android.graphics.Color) | 4280949020 (0xFF2A191C) |
| YUV | 30.4250, -1.1955, 10.1513 |
| Hunter-Lab | 11.2752, 4.2125, 1.2417 |

Details

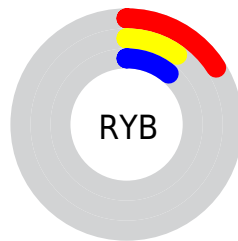
The YIQ color **30.4250, 9.1690, 4.5370** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36.5750, -9.1690, -4.5370**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **74.3220, 10.9570, 5.1730**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.7350, 11.2320, 5.6960**, and if you desaturate by 10%, it is **33.1150, 7.1060, 3.3780**.

Distribution



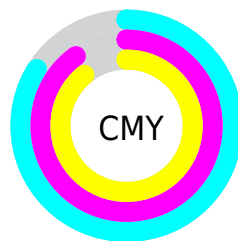
- Red (16%)
- Green (10%)
- Blue (11%)



- Red (16%)
- Yellow (10%)
- Blue (11%)



- Cyan (0%)
- Magenta (41%)
- Yellow (33%)
- Black (84%)



- Cyan (84%)
- Magenta (90%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 30.4250, 9.1690, 4.5370 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 30.4250, 9.1690, 4.5370 by changing the saturation by 10% instead.

■ 30.4250, 9.1690,
4.5370

■ 30.4250, 9.1690,
4.5370

■ 253.2390, 0.8250,
1.5690

■ 6.9910, 13.3870,
5.1870

■ 74.3220, 10.9570,
5.1730

■ 0.0000, 0.0000,
0.0000

■ 98.6210, 11.5530,
5.3850

■ 123.0340, 11.8280,
5.9080

■ 149.2190, 12.7450,
5.8090

■ 175.6320, 13.0200,
6.3320

■ 203.5180, 13.3410,

6.0210

■ 231.5180, 13.3410,
6.0210

■ 30.4250, 9.1690,
4.5370

■ 30.4250, 9.1690,
4.5370

■ 27.7350, 11.2320,
5.6960

■ 33.1150, 7.1060,
3.3780

■ 24.9310, 13.6160,
6.5440

■ 35.9190, 4.7220,
2.5300

■ 21.6540, 15.9540,
8.2260

■ 39.1960, 2.3840,
0.8480

■ 18.8500, 18.3380,
9.0740

■ 42.0000, -0.0000,
-0.0000

■ 16.1600, 20.4010,
10.2330

■ 44.6900, -2.0630,
-1.1590

■ 13.3560, 22.7850,
11.0810

■ 47.4940, -4.4470,
-2.0070

■ 50.1840, -6.5100,
-3.1660

■ 53.5750, -9.1690,
-4.5370

■ 56.2650, -11.2320,
-5.6960

Harmonies

Analogous

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



30.7990, 5.1800, 5.2440



30.4250, 9.1690, 4.5370



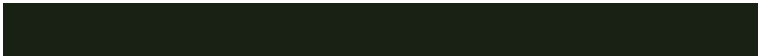
30.0290, 10.2240, 1.9360

Triad

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



30.4250, 9.1690, 4.5370



28.5390, -0.3200, -5.2160



27.3560, -12.7460, -0.2820

Complementary

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



30.4250, 9.1690, 4.5370



36.5750, -9.1690, -4.5370

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.



26.5790, -14.9920, -3.6320



30.4250, 9.1690, 4.5370



27.6030, -6.3720, -5.6680

Square

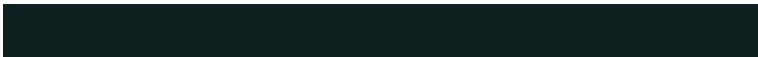
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.4250, 9.1690, 4.5370



29.1160, 5.3650, -3.6190



26.4930, -11.8740, -5.0740



29.5740, -7.4280, 2.4600

Rectangle

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



30.4250, 9.1690, 4.5370



29.6760, 9.7200, 0.0560



26.4930, -11.8740, -5.0740



27.2310, -13.8920, -1.5400

Sweetspot

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



30.4250, 9.1690, 4.5370



49.2070, 3.8510, 1.7950



31.1240, 2.8870, 8.2550



25.3100, 2.0630, 1.1590



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.



30.4250, 9.1690, 4.5370



35.6430, 14.4870, 7.2790



33.0180, 8.7570, 0.9890



18.7120, 0.8710, 0.7350



26.8260, 45.2490, 22.4730



67.6060, 114.4750, 56.4510

Inverse Universe

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



30.4250, 9.1690, 4.5370



35.6430, 14.4870, 7.2790



33.9820, -8.7570, -0.9890



18.7120, 0.8710, 0.7350



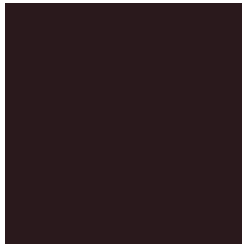
26.8260, 45.2490, 22.4730



67.6060, 114.4750, 56.4510

Previews

White Background



This preview shows how the YIQ color 30.4250, 9.1690, 4.5370 looks on a white background.

Color Contrast Check

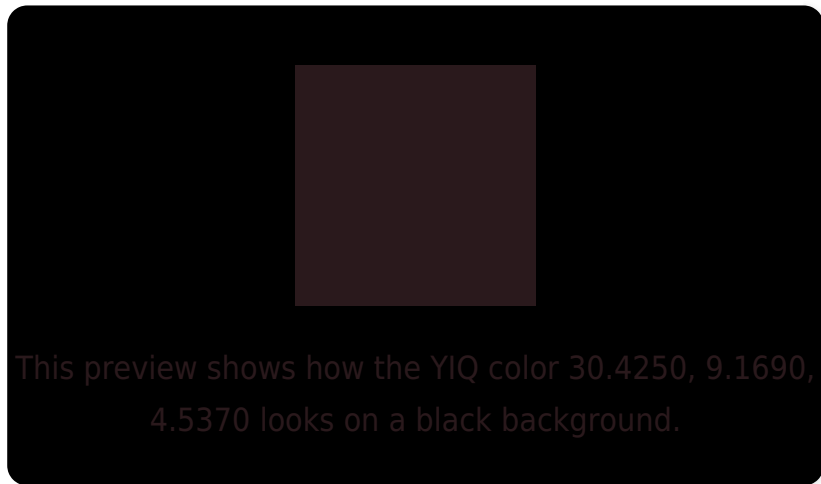
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4250, 9.1690, 4.5370

Background



This preview shows how black text looks on a background with the YIQ color 30.4250, 9.1690, 4.5370.

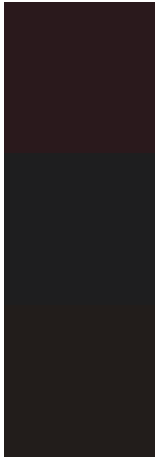


This preview shows how white text looks on a background with the YIQ color 30.4250, 9.1690, 4.5370.

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

30.4250, 9.1690, 4.5370

Protanopia

30.1140, -0.3210, 0.3110

Deuteranopia

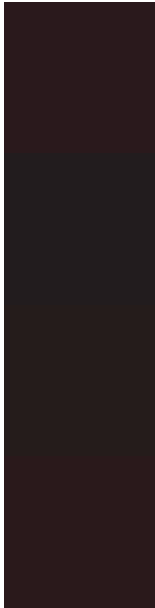
30.2670, 3.6220, 0.4380



Tritanopia

30.3110, 9.4900, 4.2260

Trichromacy



Original Color

30.4250, 9.1690, 4.5370

Protanomaly

30.0220, 2.9340, 1.8940

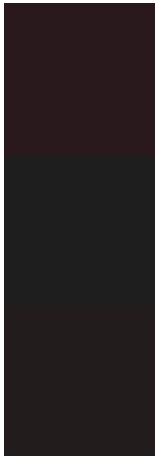
Deuteranomaly

30.5770, 5.6850, 1.5970

Tritanomaly

30.3110, 9.4900, 4.2260

Monochromacy



Original Color

30.4250, 9.1690, 4.5370

Achromatopsia

30.0000, -0.0000, -0.0000

Achromatomaly

29.9080, 3.2550, 1.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.4250, 9.1690, 4.5370 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(42, 25, 28)` looks like.

```
.text, #text, p{  
    color:rgb(42, 25, 28)  
}
```

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(42, 25, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 25, 28) }
```

Border

The CSS property to change the border of an element to YIQ 30.4250, 9.1690, 4.5370 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(42, 25, 28) }
```

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

```
.border{ border-color:rgb(42, 25, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 25, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 25, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 25, 28);  
box-shadow:4px 4px 4px 4px rgb(42, 25, 28)  
}
```


Background

The CSS property to change the background color of an element to YIQ 30.4250, 9.1690, 4.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 25, 28) }
```

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

```
.background{ background-color: rgb(42, 25,  
28) }
```

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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