

Converting Colors

YIQ(34.1410, 4.2170, 6.1770)

Have a look what the booklet for
YIQ(34.1410, 4.2170, 6.1770)
contains.

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Color

YIQ(34.1410, 4.2170, 6.1770)

Conversions

Conversions Part 1

Format	Color
Hex	2A1D28
RGB	42, 29, 40
RGB Percent	16%, 11%, 16%
CMY	0.8353, 0.8863, 0.8431
CMYK	0.00, 0.31, 0.05, 0.84
HSL	309°, 18%, 14%
HSV	309°, 31%, 16%
XYZ	1.7775, 1.5241, 2.2082
YIQ	34.1410, 4.2170, 6.1770

Conversions

Conversions Part 2

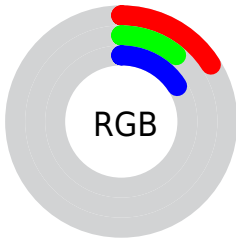
Format	Color
R _Y B	42, 29, 40
Decimal	2759976
CIE Lab	12.76, 8.75, -4.95
CIE LCh	13, 10.054, 330.483
Yxy	1.5241, 0.3226, 0.2766
Android (android.graphics.Color)	4280950056 (0xFF2A1D28)
YUV	34.1410, 2.8885, 6.8923
Hunter-Lab	12.3455, 4.0957, -1.9630

Details

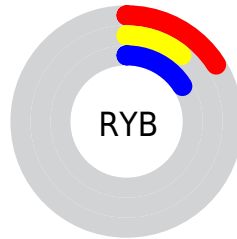
The YIQ color **34.1410, 4.2170, 6.1770** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36.8590, -4.2170, -6.1770**, and the grayscale version is **34.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **78.8530, 5.0880, 6.9120**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.6790, 5.6380, 7.9580**, and if you desaturate by 10%, it is **36.6030, 2.7960, 4.3960**.

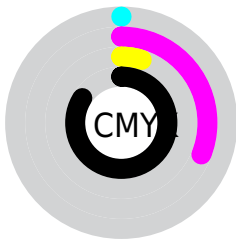
Distribution



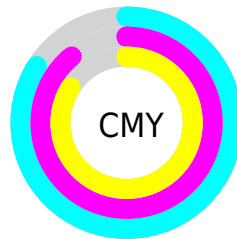
- Red (16%)
- Green (11%)
- Blue (16%)



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



- Cyan (0%)
- Magenta (31%)
- Yellow (5%)
- Black (84%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.1410, 4.2170, 6.1770 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 34.1410, 4.2170, 6.1770 by changing the saturation by 10% instead.

■ 34.1410, 4.2170,
6.1770

■ 34.1410, 4.2170,
6.1770

■ 255.0000, -0.0000,
-0.0000

■ 11.2060, 5.5920,
8.7920

■ 78.8530, 5.0880,
6.9120

■ 0.0000, 0.0000,
0.0000

■ 102.2660, 5.3630,
7.4350

■ 127.3800, 5.0420,
7.7460

■ 153.6790, 5.6380,
7.9580

■ 180.6790, 5.6380,
7.9580

■ 207.9780, 6.2340,

8.1700

236.0920, 5.9130,
8.4810

34.1410, 4.2170,
6.1770

34.1410, 4.2170,
6.1770

31.6790, 5.6380,
7.9580

36.6030, 2.7960,
4.3960

29.3310, 6.7380,
10.0500

38.9510, 1.6960,
2.3040

26.2820, 8.4340,
12.3540

42.0000, -0.0000,
-0.0000

23.8200, 9.8550,
14.1350

44.4620, -1.4210,
-1.7810

21.4720, 10.9550,
16.2270

46.8100, -2.5210,
-3.8730

■ 19.0100, 12.3760,
18.0080

■ 49.2720, -3.9420,
-5.6540

■ 16.6620, 13.4760,
20.1000

■ 51.7340, -5.3630,
-7.4350

■ 54.6690, -6.7380,
-10.0500

■ 57.1310, -8.1590,
-11.8310

Harmonies

Analogous

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



33.4930, -2.7060, 4.9900



34.1410, 4.2170, 6.1770



33.9520, 9.1230, 5.3710

Triad

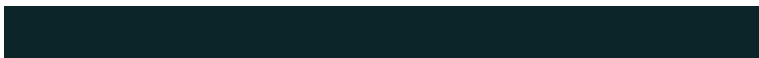
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.1410, 4.2170, 6.1770



32.8990, 7.4740, -3.2940



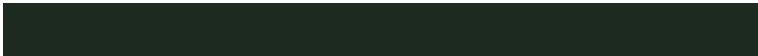
29.5680, -16.4590, -4.5790

Complementary

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



34.1410, 4.2170, 6.1770



36.8590, -4.2170, -6.1770

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.



29.9660, -11.8280, -5.9080



34.1410, 4.2170, 6.1770



31.9090, 1.5140, -5.4140

Square

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



34.1410, 4.2170, 6.1770



33.1600, 11.2330, 0.1690



30.6740, -5.1340, -6.0780



30.7470, -15.4050, -1.6530

Rectangle

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



34.1410, 4.2170, 6.1770



33.7950, 11.0030, 4.3390



30.6740, -5.1340, -6.0780



29.3400, -15.8170, -5.2010

Sweetspot

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



34.1410, 4.2170, 6.1770



50.9510, 1.6960, 2.3040



31.0800, -2.9810, 4.4670



26.2390, 0.8250, 1.5690



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.



34.1410, 4.2170, 6.1770



41.8040, 6.7840, 9.2160



33.4570, 6.1430, 4.3110



18.8260, 0.5500, 1.0460



33.2100, 27.2730, 39.8890



83.7940, 68.8930, 100.6130

Inverse Universe

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



34.1410, 4.2170, 6.1770



41.8040, 6.7840, 9.2160



37.5430, -6.1430, -4.3110



18.8260, 0.5500, 1.0460



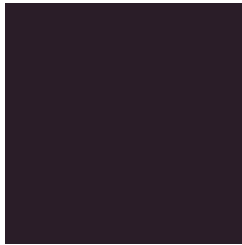
33.2100, 27.2730, 39.8890



83.7940, 68.8930, 100.6130

Previews

White Background



This preview shows how the YIQ color 34.1410, 4.2170, 6.1770 looks on a white background.

Color Contrast Check

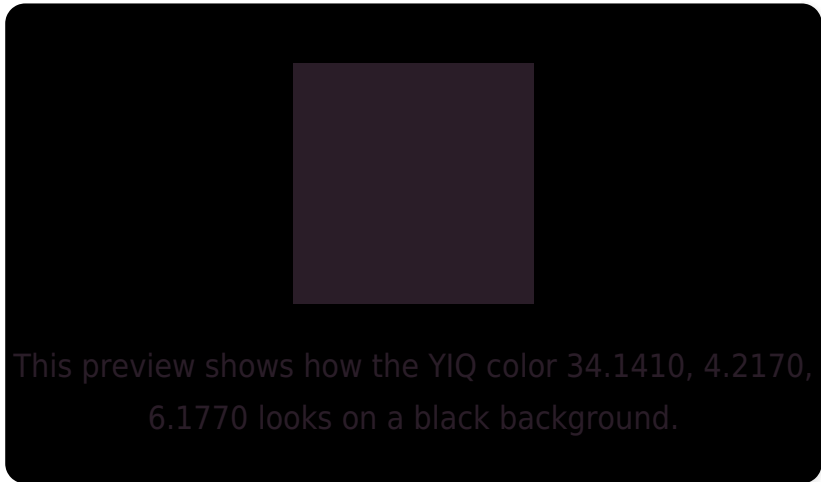
Large Text (above 18pt) WCAG AA ✓ Pass

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

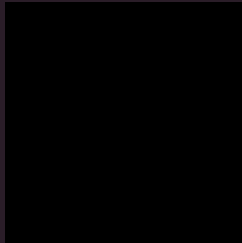
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.1410, 4.2170, 6.1770

Background



This preview shows how black text looks on a background with the YIQ color 34.1410, 4.2170, 6.1770.



This preview shows how white text looks on a background with the YIQ color 34.1410, 4.2170, 6.1770.

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

34.1410, 4.2170, 6.1770

Protanopia

33.5420, -4.4020, 2.6860

Deuteranopia

33.3960, -1.0550, 2.6010



Tritanopia

33.6310, 5.5930, 3.2650

Trichromacy



Original Color

34.1410, 4.2170, 6.1770

Protanomaly

34.0370, -1.4220, 3.7460

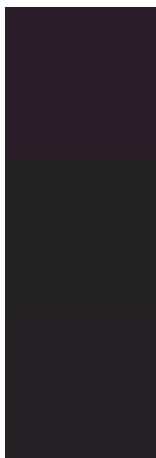
Deuteranomaly

33.7060, 1.0080, 3.7600

Tritanomaly

33.9730, 4.6300, 4.1980

Monochromacy



Original Color

34.1410, 4.2170, 6.1770

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

33.9510, 1.6960, 2.3040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.1410, 4.2170, 6.1770 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, 29, 40)` looks like.

```
.text, #text, p{  
    color:rgb(42, 29, 40)  
}
```

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, 29, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 29, 40) }
```

Border

The CSS property to change the border of an element to YIQ 34.1410, 4.2170, 6.1770 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, 29, 40) }
```

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

```
.border{ border-color:rgb(42, 29, 40) }
```

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

Here you see how a box with a 4 pixel rgb(42, 29, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 29, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 29, 40);  
box-shadow:4px 4px 4px 4px rgb(42, 29, 40)  
}
```


Background

The CSS property to change the background color of an element to YIQ 34.1410, 4.2170, 6.1770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 29, 40) }
```

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

```
.background{ background-color: rgb(42, 29,  
40) }
```

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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