

Converting Colors

YIQ(37.1900, 2.5210, 3.8730)

Have a look what the booklet for
YIQ(37.1900, 2.5210, 3.8730)
contains.

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Color

YIQ(37.1900, 2.5210, 3.8730)

Conversions

Conversions Part 1

Format	Color
Hex	2A2229
RGB	42, 34, 41
RGB Percent	16%, 13%, 16%
CMY	0.8353, 0.8667, 0.8392
CMYK	0.00, 0.19, 0.02, 0.84
HSL	308°, 11%, 15%
HSV	308°, 19%, 16%
XYZ	1.9273, 1.7963, 2.3431
YIQ	37.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

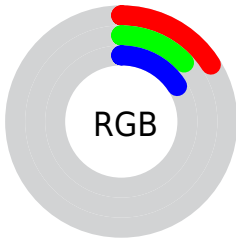
Format	Color
R_YB	42, 34, 41
Decimal	2761257
CIE Lab	14.38, 5.40, -3.25
CIE LCh	14, 6.300, 328.941
Yxy	1.7963, 0.3177, 0.2961
Android (android.graphics.Color)	4280951337 (0xFF2A2229)
YUV	37.1900, 1.8783, 4.2184
Hunter-Lab	13.4027, 2.2131, -0.9832

Details

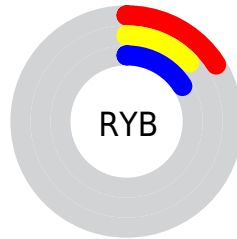
The YIQ color **37.1900, 2.5210, 3.8730** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **38.8100, -2.5210, -3.8730**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **81.6030, 2.7960, 4.3960**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.7280, 3.9420, 5.6540**, and if you desaturate by 10%, it is **39.6520, 1.1000, 2.0920**.

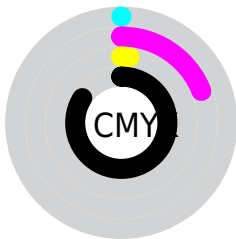
Distribution



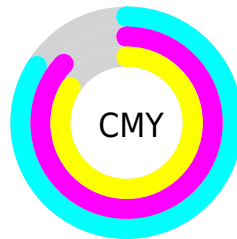
- Red (16%)
- Green (13%)
- Blue (16%)



- Red (16%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (19%)
- Yellow (2%)
- Black (84%)



- Cyan (84%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 37.1900, 2.5210, 3.8730 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 37.1900, 2.5210, 3.8730 by changing the saturation by 10% instead.

■ 37.1900, 2.5210,
3.8730

■ 37.1900, 2.5210,
3.8730

■ 255.0000, -0.0000,
-0.0000

■ 16.0160, 3.0710,
4.9190

■ 81.6030, 2.7960,
4.3960

■ 0.0000, 0.0000,
0.0000

■ 105.9020, 3.3920,
4.6080

■ 131.0160, 3.0710,
4.9190

■ 157.0160, 3.0710,
4.9190

■ 184.3150, 3.6670,
5.1310

■ 211.4290, 3.3460,

5.4420

240.3150, 3.6670,
5.1310

37.1900, 2.5210,
3.8730

37.1900, 2.5210,
3.8730

34.7280, 3.9420,
5.6540

39.6520, 1.1000,
2.0920

32.3800, 5.0420,
7.7460

42.0000, -0.0000,
-0.0000

29.3310, 6.7380,
10.0500

45.0490, -1.6960,
-2.3040

26.9830, 7.8380,
12.1420

47.3970, -2.7960,
-4.3960

24.5210, 9.2590,
13.9230

49.8590, -4.2170,
-6.1770

■ 22.1730, 10.3590,
16.0150

■ 52.2070, -5.3170,
-8.2690

■ 19.7110, 11.7800,
17.7960

■ 54.6690, -6.7380,
-10.0500

■ 16.7760, 13.1550,
20.4110

■ 57.6040, -8.1130,
-12.6650

■ 60.0660, -9.5340,
-14.4460

Harmonies

Analogous

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



36.6240, -1.6970, 3.2230



37.1900, 2.5210, 3.8730



37.0440, 5.8680, 3.7880

Triad

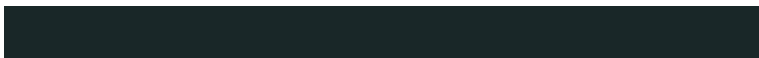
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.1900, 2.5210, 3.8730



36.2840, 4.9520, -1.6400



34.9280, -8.6650, -2.6570

Complementary

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



37.1900, 2.5210, 3.8730



38.8100, -2.5210, -3.8730

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.



34.7710, -6.7850, -3.6890



37.1900, 2.5210, 3.8730



35.4900, 1.3760, -2.9120

Square

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



37.1900, 2.5210, 3.8730



37.0070, 7.2900, 0.0420



34.9240, -2.8420, -3.5620



35.0960, -9.0780, -0.6780

Rectangle

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



37.1900, 2.5210, 3.8730



37.0010, 7.4270, 3.0670



34.9240, -2.8420, -3.5620



34.8140, -8.3440, -2.9680

Sweetspot

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



37.1900, 2.5210, 3.8730



51.5380, 1.4210, 1.7810



35.2110, -1.9720, 2.7000



26.8260, 0.5500, 1.0460



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.



37.1900, 2.5210, 3.8730



46.1410, 4.2170, 6.1770



36.7340, 3.8050, 2.6290



18.8260, 0.5500, 1.0460



33.5520, 26.3100, 40.8220



84.4780, 66.9670, 102.4790

Inverse Universe

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



37.1900, 2.5210, 3.8730



46.1410, 4.2170, 6.1770



39.2660, -3.8050, -2.6290



18.8260, 0.5500, 1.0460



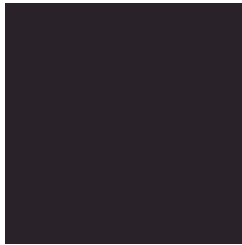
33.5520, 26.3100, 40.8220



84.4780, 66.9670, 102.4790

Previews

White Background



This preview shows how the YIQ color 37.1900, 2.5210, 3.8730 looks on a white background.

Color Contrast Check

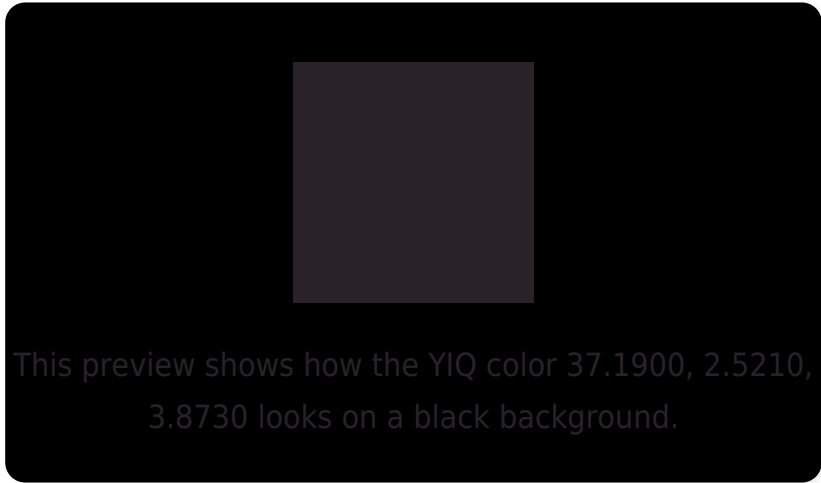
Large Text (above 18pt) WCAG AA ✓ Pass

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

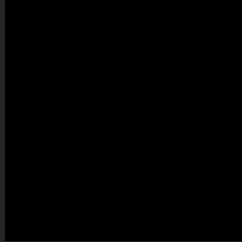
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 37.1900, 2.5210, 3.8730

Background



This preview shows how black text looks on a background with the YIQ color 37.1900, 2.5210, 3.8730.

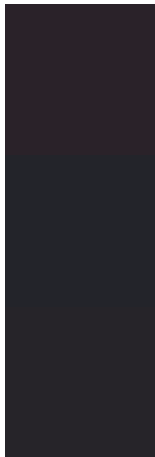


This preview shows how white text looks on a background with the YIQ color 37.1900, 2.5210, 3.8730.

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

37.1900, 2.5210, 3.8730

Protanopia

36.3850, -2.5220, 1.6540

Deuteranopia

37.1680, -0.4130, 1.9790



Tritanopia

37.0220, 2.9340, 1.8940

Trichromacy



Original Color

37.1900, 2.5210, 3.8730

Protanomaly

36.6950, -0.4590, 2.8130

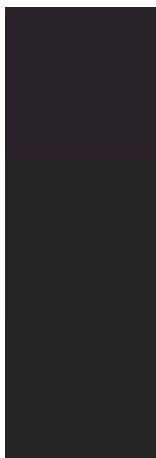
Deuteranomaly

36.8800, 0.4580, 2.7140

Tritanomaly

37.1360, 2.6130, 2.2050

Monochromacy



Original Color

37.1900, 2.5210, 3.8730

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

37.1250, 1.1460, 1.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.1900, 2.5210, 3.8730 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, 34, 41)` looks like.

```
.text, #text, p{  
    color:rgb(42, 34, 41)  
}
```

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, 34, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 34, 41) }
```

Border

The CSS property to change the border of an element to YIQ 37.1900, 2.5210, 3.8730 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, 34, 41) }
```

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

```
.border{ border-color:rgb(42, 34, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 34, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 34, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 34, 41);  
box-shadow:4px 4px 4px 4px rgb(42, 34, 41)  
}
```


Background

The CSS property to change the background color of an element to YIQ 37.1900, 2.5210, 3.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 34, 41) }
```

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

```
.background{ background-color: rgb(42, 34,  
41) }
```

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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