

Converting Colors

YIQ(33.1900, 2.5210, 3.8730)

Have a look what the booklet for
YIQ(33.1900, 2.5210, 3.8730)
contains.

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Color

YIQ(33.1900, 2.5210, 3.8730)

Conversions

Conversions Part 1

Format	Color
Hex	261E25
RGB	38, 30, 37
RGB Percent	15%, 12%, 15%
CMY	0.8510, 0.8824, 0.8549
CMYK	0.00, 0.21, 0.03, 0.85
HSL	308°, 12%, 13%
HSV	308°, 21%, 15%
XYZ	1.5977, 1.4741, 1.9507
YIQ	33.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

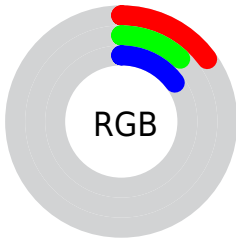
Format	Color
RYB	38, 30, 37
Decimal	2498085
CIELab	12.44, 5.48, -3.29
CIElCh	12, 6.397, 329.012
Yxy	1.4741, 0.3181, 0.2935
Android (android.graphics.Color)	4280688165 (0xFF261E25)
YUV	33.1900, 1.8783, 4.2184
Hunter-Lab	12.1414, 2.2413, -1.0268

Details

The YIQ color **33.1900, 2.5210, 3.8730** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34.8100, -2.5210, -3.8730**, and the grayscale version is **33.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **77.6030, 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 **30.8420, 3.6210, 5.9650**, and if you desaturate by 10%, it is **35.5380, 1.4210, 1.7810**.

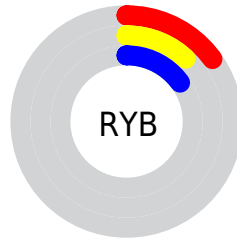
Distribution



Red (15%)

Green (12%)

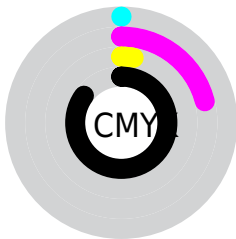
Blue (15%)



Red (15%)

Yellow (12%)

Blue (15%)

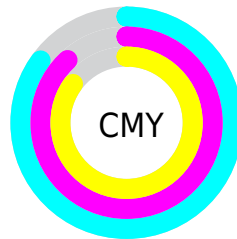


Cyan (0%)

Magenta (21%)

Yellow (3%)

Black (85%)



Cyan (85%)

Magenta (88%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 33.1900, 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 33.1900, 2.5210, 3.8730 by changing the saturation by 10% instead.

■ 33.1900, 2.5210,
3.8730

■ 33.1900, 2.5210,
3.8730

255.0000, -0.0000,
-0.0000

■ 10.1410, 4.2170,
6.1770

■ 77.6030, 2.7960,
4.3960

■ 0.0000, 0.0000,
0.0000

■ 101.0160, 3.0710,
4.9190

■ 126.0160, 3.0710,
4.9190

■ 152.0160, 3.0710,
4.9190

■ 179.0160, 3.0710,
4.9190

■ 206.3150, 3.6670,

5.1310

234.4290, 3.3460,
5.4420

33.1900, 2.5210,
3.8730

33.1900, 2.5210,
3.8730

30.8420, 3.6210,
5.9650

35.5380, 1.4210,
1.7810

28.3800, 5.0420,
7.7460

38.0000, -0.0000,
-0.0000

26.6190, 5.8670,
9.3150

39.7610, -0.8250,
-1.5690

24.1570, 7.2880,
11.0960

42.2230, -2.2460,
-3.3500

21.8090, 8.3880,
13.1880

44.5710, -3.3460,
-5.4420

■ 19.3470, 9.8090,
14.9690

■ 47.0330, -4.7670,
-7.2230

■ 16.9990, 10.9090,
17.0610

■ 49.3810, -5.8670,
-9.3150

■ 15.1240, 12.0550,
18.3190

■ 51.2560, -7.0130,
-10.5730

■ 53.6040, -8.1130,
-12.6650

Harmonies

Analogous

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



32.6240, -1.6970, 3.2230



33.1900, 2.5210, 3.8730



33.0440, 5.8680, 3.7880

Triad

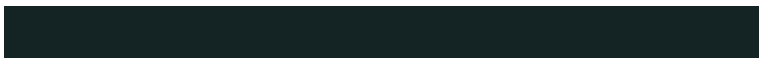
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.1900, 2.5210, 3.8730



32.2840, 4.9520, -1.6400



30.6290, -9.2610, -2.8690

Complementary

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



33.1900, 2.5210, 3.8730



34.8100, -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.



30.7710, -6.7850, -3.6890



33.1900, 2.5210, 3.8730



31.4900, 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.



33.1900, 2.5210, 3.8730



33.0070, 7.2900, 0.0420



30.9240, -2.8420, -3.5620



31.0960, -9.0780, -0.6780

Rectangle

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



33.1900, 2.5210, 3.8730



33.0010, 7.4270, 3.0670



30.9240, -2.8420, -3.5620



30.8140, -8.3440, -2.9680

Sweetspot

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



33.1900, 2.5210, 3.8730



46.8260, 0.5500, 1.0460



31.2110, -1.9720, 2.7000



24.7120, 0.8710, 0.7350



153.0000, 0.0000, -0.0000



26.0000, -0.0000, -0.0000

Same Dimension

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



33.1900, 2.5210, 3.8730



40.8420, 3.6210, 5.9650



32.7340, 3.8050, 2.6290



16.8260, 0.5500, 1.0460



32.6120, 26.0810, 39.4650



83.3530, 65.8210, 101.2210

Inverse Universe

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



33.1900, 2.5210, 3.8730



40.8420, 3.6210, 5.9650



35.2660, -3.8050, -2.6290



16.8260, 0.5500, 1.0460



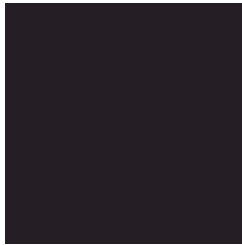
32.6120, 26.0810, 39.4650



83.3530, 65.8210, 101.2210

Previews

White Background



This preview shows how the YIQ color 33.1900, 2.5210, 3.8730 looks on a white background.

Color Contrast Check

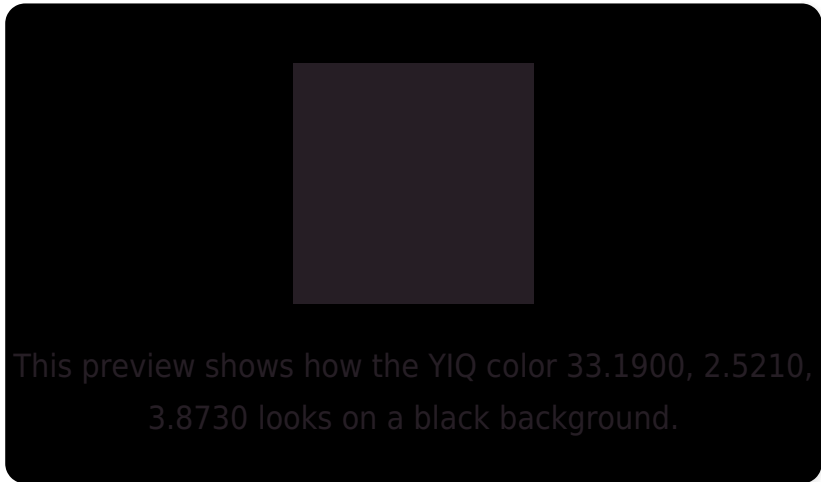
Large Text (above 18pt) WCAG AA ✓ Pass

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

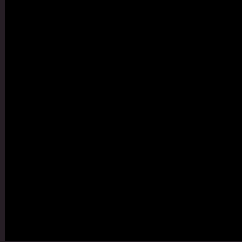
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 33.1900, 2.5210, 3.8730

Background



This preview shows how black text looks on a background with the YIQ color 33.1900, 2.5210, 3.8730.

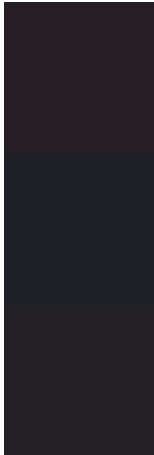


This preview shows how white text looks on a background with the YIQ color 33.1900, 2.5210, 3.8730.

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

33.1900, 2.5210, 3.8730

Protanopia

32.3850, -2.5220, 1.6540

Deuteranopia

33.1680, -0.4130, 1.9790



Tritanopia

33.0220, 2.9340, 1.8940

Trichromacy



Original Color

33.1900, 2.5210, 3.8730

Protanomaly

32.6950, -0.4590, 2.8130

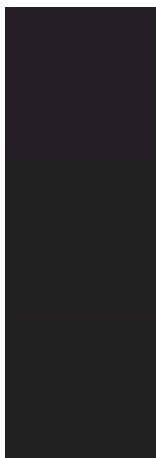
Deuteranomaly

32.8800, 0.4580, 2.7140

Tritanomaly

33.1360, 2.6130, 2.2050

Monochromacy



Original Color

33.1900, 2.5210, 3.8730

Achromatopsia

33.0000, -0.0000, -0.0000

Achromatomaly

33.1250, 1.1460, 1.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 33.1900, 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(38, 30, 37)` looks like.

```
.text, #text, p{  
    color:rgb(38, 30, 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(38, 30, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 30, 37) }
```

Border

The CSS property to change the border of an element to YIQ 33.1900, 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(38, 30, 37) }
```

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

```
.border{ border-color:rgb(38, 30, 37) }
```

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

Here you see how a box with a 4 pixel rgb(38, 30, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 30, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 30, 37);  
box-shadow:4px 4px 4px 4px rgb(38, 30, 37)  
}
```


Background

The CSS property to change the background color of an element to YIQ 33.1900, 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(38, 30, 37) }
```

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

```
.background{ background-color: rgb(38, 30,  
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](#).

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