

Converting Colors

YIQ(37.2800, 19.9430, 7.5190)

Have a look what the booklet for
YIQ(37.2800, 19.9430, 7.5190)
contains.

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Color

**YIQ(37.2800, 19.9430,
7.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	3D1B1C
RGB	61, 27, 28
RGB Percent	24%, 11%, 11%
CMY	0.7607, 0.8942, 0.8901
CMYK	0.00, 0.56, 0.54, 0.76
HSL	358°, 39%, 17%
HSV	358°, 56%, 24%
XYZ	2.5272, 1.8599, 1.3257
YIQ	37.2800, 19.9430, 7.5190

Conversions

Conversions Part 2

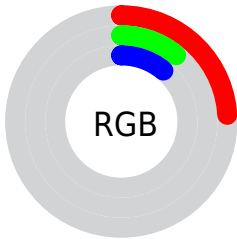
Format	Color
RYB	61, 27, 28
Decimal	4004636
CIELab	14.73, 16.76, 6.98
CIElCh	15, 18.155, 22.610
Yxy	1.8599, 0.4424, 0.3256
Android (android.graphics.Color)	4282194716 (0xFF3D1B1C)
YUV	37.2800, -4.5750, 20.8024
Hunter-Lab	13.6378, 9.2112, 3.7832

Details

The YIQ color **37.2800, 19.9430, 7.5190** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **50.7200, -19.9430, -7.5190**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **82.9600, 23.8400, 8.4800**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.0740, 23.5190, 8.7910**, and if you desaturate by 10%, it is **41.4860, 16.3670, 6.2470**.

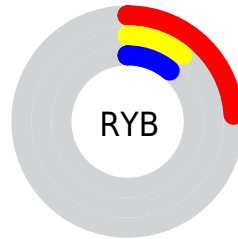
Distribution



Red (24%)

Green (11%)

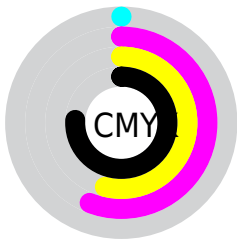
Blue (11%)



Red (24%)

Yellow (11%)

Blue (11%)

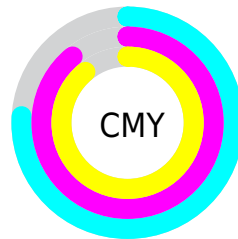


Cyan (0%)

Magenta (56%)

Yellow (54%)

Black (76%)



Cyan (76%)

Magenta (89%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 37.2800, 19.9430, 7.5190 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 37.2800, 19.9430, 7.5190 by changing the saturation by 10% instead.

■ 37.2800, 19.9430,
7.5190

■ 37.2800, 19.9430,
7.5190

■ 255.0000, -0.0000,
-0.0000

■ 13.8350, 22.6940,
7.2220

■ 82.9600, 23.8400,
8.4800

■ 0.0000, 0.0000,
0.0000

■ 107.5580, 25.0320,
8.9040


■ 132.8570, 25.6280,
9.1160


■ 159.3410, 27.1410,
9.2290


■ 186.6400, 27.7370,
9.4410


■ 214.2380, 28.9290,


9.8650


 235.9590, 16.4130,
5.4130


 37.2800, 19.9430,
7.5190


 37.2800, 19.9430,
7.5190

 33.0740, 23.5190,
8.7910


 41.4860, 16.3670,
6.2470


 28.8680, 27.0950,
10.0630


 45.6920, 12.7910,
4.9750


 24.6620, 30.6710,
11.3350

 49.8980, 9.2150,
3.7030

 20.4560, 34.2470,
12.6070

 54.1040, 5.6390,
2.4310

 18.4670, 35.7140,
13.5540

 58.3100, 2.0630,
1.1590

■ 63.1030, -1.7880,
-0.6360

■ 67.1950, -5.0430,
-2.2190

■ 71.4010, -8.6190,
-3.4910

■ 75.6070, -12.1950,
-4.7630

Harmonies

Analogous

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



38.1640, 14.5780, 11.1380



37.2800, 19.9430, 7.5190



37.1780, 19.9900, 1.1580

Triad

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



37.2800, 19.9430, 7.5190



33.0280, -6.3710, -11.1950



31.4560, -27.6470, -0.0550

Complementary

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



37.2800, 19.9430, 7.5190



50.7200, -19.9430, -7.5190

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.



31.1520, -29.8470, -4.2390



37.2800, 19.9430, 7.5190



29.0030, -22.4180, -12.2260

Square

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



37.2800, 19.9430, 7.5190



34.6120, 6.6040, -9.5560



31.1860, -27.1870, -8.3950



37.3660, -9.5380, 7.6620

Rectangle

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



37.2800, 19.9430, 7.5190



36.4610, 17.5150, -3.5490



31.1860, -27.1870, -8.3950



31.0210, -30.8560, -2.4720

Sweetspot

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



37.2800, 19.9430, 7.5190



69.8870, 7.7480, 2.7560



40.7430, 8.7540, 17.5700



35.3920, 4.7680, 1.6960



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



37.2800, 19.9430, 7.5190



42.0750, 30.9460, 11.8580



46.5580, 15.8640, -1.1600



28.8970, 1.7880, 0.6360



28.4480, 55.0610, 20.8610



67.1760, 130.0650, 49.2410

Inverse Universe

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



37.2800, 19.9430, 7.5190



42.0750, 30.9460, 11.8580



41.4420, -15.8640, 1.1600



28.8970, 1.7880, 0.6360



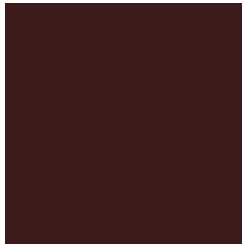
28.4480, 55.0610, 20.8610



67.1760, 130.0650, 49.2410

Previews

White Background



This preview shows how the YIQ color 37.2800, 19.9430, 7.5190 looks on a white background.

Color Contrast Check

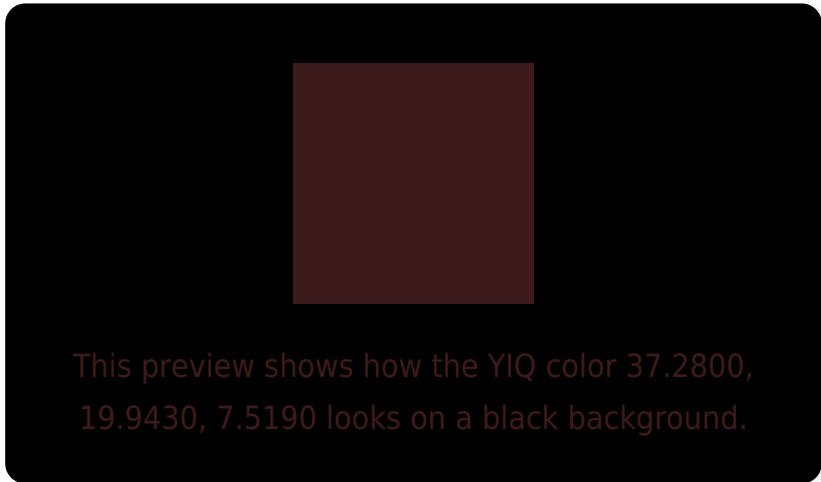
Large Text (above 18pt) WCAG AA ✓ Pass

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

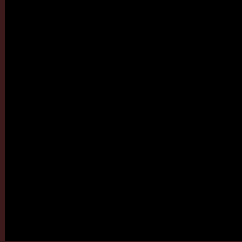
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 37.2800, 19.9430, 7.5190

Background



This preview shows how black text looks on a background with the YIQ color 37.2800, 19.9430, 7.5190.



This preview shows how white text looks on a background with the YIQ color 37.2800, 19.9430,

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

37.2800, 19.9430, 7.5190

Protanopia

38.0280, 2.7970, -1.1310

Deuteranopia

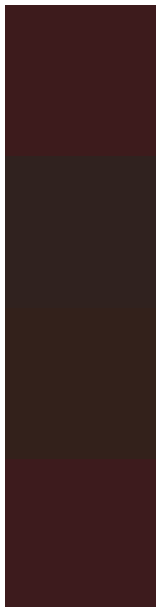
37.5510, 8.5740, -1.2020



Tritanopia

37.3940, 19.6220, 7.8300

Trichromacy



Original Color

37.2800, 19.9430, 7.5190

Protanomaly

37.8440, 9.3070, 2.0350

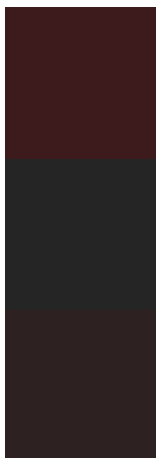
Deuteranomaly

37.6980, 12.6540, 1.9500

Tritanomaly

37.3940, 19.6220, 7.8300

Monochromacy



Original Color

37.2800, 19.9430, 7.5190

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

37.0010, 7.4270, 3.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.2800, 19.9430, 7.5190 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(61, 27, 28)` looks like.

```
.text, #text, p{  
    color:rgb(61, 27, 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(61, 27, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 27, 28) }
```

Border

The CSS property to change the border of an element to YIQ 37.2800, 19.9430, 7.5190 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(61, 27, 28) }
```


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

```
.border{ border-color:rgb(61, 27, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 27, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 27, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 27, 28);  
box-shadow:4px 4px 4px 4px rgb(61, 27, 28)  
}
```

Background

The CSS property to change the background color of an element to YIQ 37.2800, 19.9430, 7.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 27, 28) }
```

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

```
.background{ background-color: rgb(61, 27,  
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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