

Converting Colors

YIQ(21.2980, 2.3370, 7.2090)

Have a look what the booklet for
YIQ(21.2980, 2.3370, 7.2090)
contains.

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Color

YIQ(21.2980, 2.3370, 7.2090)

Conversions

Conversions Part 1

Format	Color
Hex	1C101F
RGB	28, 16, 31
RGB Percent	11%, 6%, 12%
CMY	0.8902, 0.9373, 0.8784
CMYK	0.10, 0.48, 0.00, 0.88
HSL	288°, 32%, 9%
HSV	288°, 48%, 12%
XYZ	0.9117, 0.7164, 1.3865
YIQ	21.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

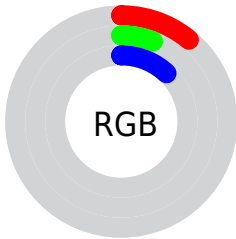
Format	Color
RYB	28, 16, 31
Decimal	1839135
CIELab	6.47, 9.38, -7.96
CIELCh	6, 12.302, 319.675
Yxy	0.7164, 0.3024, 0.2376
Android (android.graphics.Color)	4280029215 (0xFF1C101F)
YUV	21.2980, 4.7831, 5.8777
Hunter-Lab	8.4639, 4.4153, -3.7878

Details

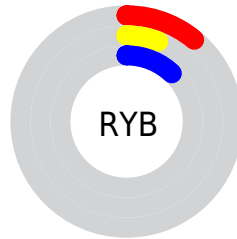
The YIQ color **21.2980, 2.3370, 7.2090** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **25.7020, -2.3370, -7.2090**, and the grayscale version is **21.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **63.8250, 2.2910, 8.0430**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.2380, 2.5660, 8.5660**, and if you desaturate by 10%, it is **23.3580, 2.1080, 5.8520**.

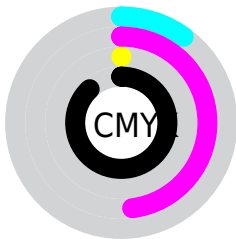
Distribution



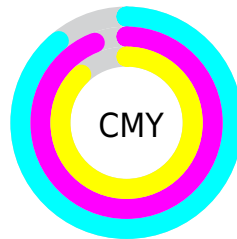
- Red (11%)
- Green (6%)
- Blue (12%)



- Red (11%)
- Yellow (6%)
- Blue (12%)



- Cyan (10%)
- Magenta (48%)
- Yellow (0%)
- Black (88%)



- Cyan (89%)
- Magenta (94%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 21.2980, 2.3370, 7.2090 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 21.2980, 2.3370, 7.2090 by changing the saturation by 10% instead.

■ 21.2980, 2.3370,
7.2090

■ 21.2980, 2.3370,
7.2090

■ 245.6080, 4.4000,
8.3680

■ 0.5700, -1.6050,
1.5550

■ 63.8250, 2.2910,
8.0430

■ 0.0000, 0.0000,
0.0000

■ 87.2380, 2.5660,
8.5660

■ 111.6510, 2.8410,
9.0890

■ 137.5370, 3.1620,
8.7780

■ 163.6510, 2.8410,
9.0890

■ 190.9500, 3.4370,

9.3010

■ 218.4770, 3.3910,
10.1350

■ 21.2980, 2.3370,
7.2090

■ 21.2980, 2.3370,
7.2090

■ 19.2380, 2.5660,
8.5660

■ 23.3580, 2.1080,
5.8520

■ 17.4770, 3.3910,
10.1350

■ 25.1190, 1.2830,
4.2830

■ 15.4170, 3.6200,
11.4920

■ 27.1790, 1.0540,
2.9260

■ 13.6560, 4.4450,
13.0610

■ 28.9400, 0.2290,
1.3570

■ 11.0090, 4.9490,
14.9410

■ 31.0000, -0.0000,
-0.0000

■ 33.6470, -0.5040,
-1.8800

■ 35.4080, -1.3290,
-3.4490

■ 37.4680, -1.5580,
-4.8060

■ 39.5280, -1.7870,
-6.1630

Harmonies

Analogous

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



20.3400, -6.6490, 4.8630



21.2980, 2.3370, 7.2090



21.1200, 8.7100, 7.3500

Triad

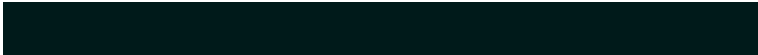
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.2980, 2.3370, 7.2090



20.1230, 12.6550, -3.5770



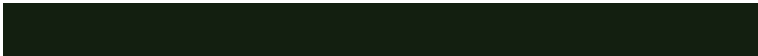
18.2260, -15.4960, -5.5120

Complementary

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



21.2980, 2.3370, 7.2090



25.7020, -2.3370, -7.2090

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.



16.4990, -12.0110, -8.0990



21.2980, 2.3370, 7.2090



19.4920, 7.0620, -6.8420

Square

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



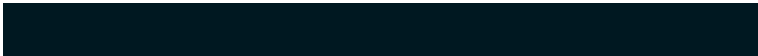
21.2980, 2.3370, 7.2090



19.9710, 16.1390, -0.6370



16.9360, -3.1160, -9.6120



17.8500, -17.1930, -2.2890

Rectangle

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



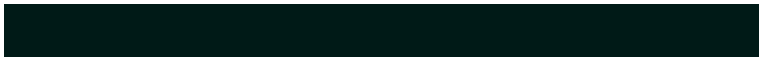
21.2980, 2.3370, 7.2090



20.3330, 12.4240, 6.1200



16.9360, -3.1160, -9.6120



17.8840, -14.5330, -6.4450

Sweetspot

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



21.2980, 2.3370, 7.2090



37.1790, 1.0540, 2.9260



19.4710, -5.6400, 3.0960



18.2390, 0.8250, 1.5690



148.0000, -0.0000, 0.0000



20.0000, 0.0000, -0.0000

Same Dimension

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



21.2980, 2.3370, 7.2090



25.4170, 3.6200, 11.4920



21.6250, 5.7300, 6.2900



14.4130, 0.2750, 0.5230



27.8430, 12.1890, 37.9250



72.9330, 31.8930, 99.3570

Inverse Universe

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



20.8270, 7.9770, 4.1130



24.7460, 12.6990, 6.6430



25.2610, -5.4090, -6.6010



14.2990, 0.5960, 0.2120



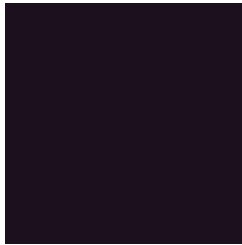
25.4450, 41.9480, 21.7240



66.5670, 110.2110, 56.6350

Previews

White Background



This preview shows how the YIQ color 21.2980, 2.3370, 7.2090 looks on a white background.

Color Contrast Check

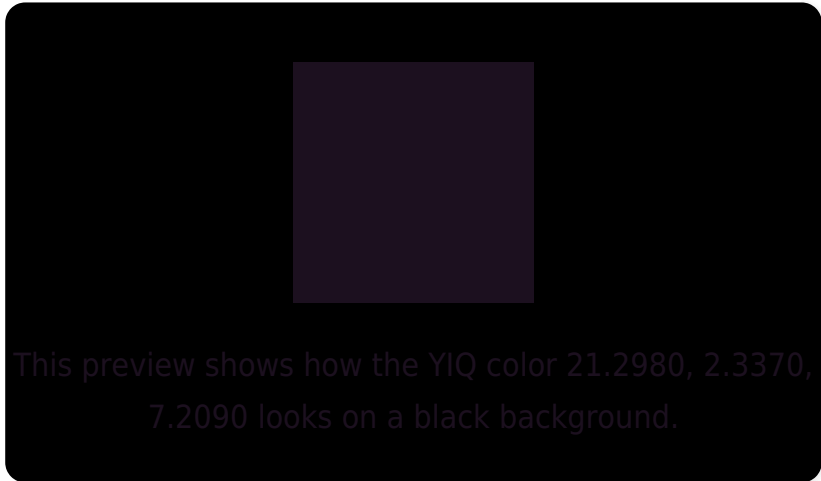
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2980, 2.3370, 7.2090

Background



This preview shows how black text looks on a background with the YIQ color 21.2980, 2.3370, 7.2090.

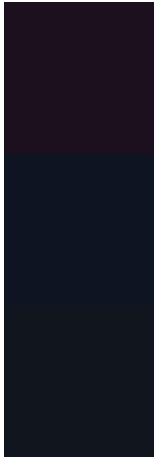


This preview shows how white text looks on a background with the YIQ color 21.2980, 2.3370, 7.2090.

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

21.2980, 2.3370, 7.2090

Protanopia

20.2150, -7.7950, 3.6050

Deuteranopia

20.8300, -5.2730, 1.9510



Tritanopia

21.2070, 3.8510, 1.7950

Trichromacy



Original Color

21.2980, 2.3370, 7.2090

Protanomaly

21.0090, -4.2190, 4.8770

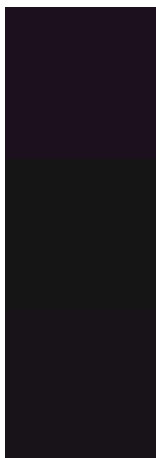
Deuteranomaly

20.8520, -2.3390, 3.8450

Tritanomaly

21.3750, 3.4380, 3.7740

Monochromacy



Original Color

21.2980, 2.3370, 7.2090

Achromatopsia

21.0000, -0.0000, -0.0000

Achromatomaly

21.1790, 1.0540, 2.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 21.2980, 2.3370, 7.2090 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(28, 16, 31)` looks like.

```
.text, #text, p{  
    color:rgb(28, 16, 31)  
}
```

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(28, 16, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 16, 31) }
```

Border

The CSS property to change the border of an element to YIQ 21.2980, 2.3370, 7.2090 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(28, 16, 31) }
```

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

```
.border{ border-color:rgb(28, 16, 31) }
```

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

Here you see how a box with a 4 pixel rgb(28, 16, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 16, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 16, 31);  
box-shadow:4px 4px 4px 4px rgb(28, 16, 31)  
}
```


Background

The CSS property to change the background color of an element to YIQ 21.2980, 2.3370, 7.2090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 16, 31) }
```

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

```
.background{ background-color: rgb(28, 16,  
31) }
```

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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