

Converting Colors

YIQ(28.0980, -36.6410, 41.8150)

Have a look what the booklet for
YIQ(28.0980, -36.6410, 41.8150)
contains.

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Color

**YIQ(28.0980, -36.6410,
41.8150)**

Conversions

Conversions Part 1

Format	Color
Hex	130B8C
RGB	19, 11, 140
RGB Percent	7%, 4%, 55%
CMY	0.9253, 0.9569, 0.4512
CMYK	0.86, 0.92, 0.00, 0.45
HSL	244°, 85%, 30%
HSV	244°, 92%, 55%
XYZ	5.1177, 2.2696, 24.9551
YIQ	28.0980, -36.6410, 41.8150

Conversions

Conversions Part 2

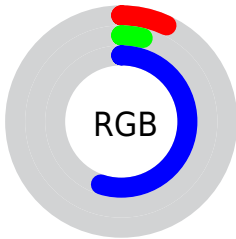
Format	Color
R_{YB}	19, 11, 140
Decimal	1248140
CIE Lab	16.84, 47.24, -65.77
CIE LCh	17, 80.978, 305.690
Yxy	2.2696, 0.1582, 0.0702
Android (android.graphics.Color)	4279438220 (0xFF130B8C)
YUV	28.0980, 55.1677, -7.9789
Hunter-Lab	15.0651, 34.2734, -87.6672

Details

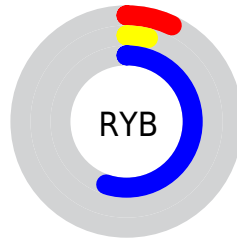
The YIQ color **28.0980, -36.6410, 41.8150** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **122.9020, 36.6410, -41.8150**, and the grayscale version is **28.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **84.6590, -24.8590, 48.5570**, and **10.0320, -28.2480, 27.3680** is the 20% darker color. If you saturate the color by 10%, you get **18.6510, -39.5760, 45.4480**, and if you desaturate by 10%, it is **40.2030, -32.7430, 37.2490**.

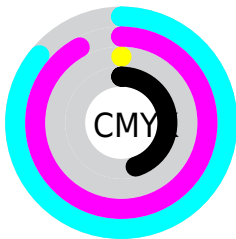
Distribution



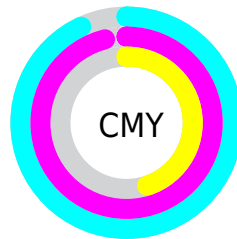
- Red (7%)
- Green (4%)
- Blue (55%)



- Red (7%)
- Yellow (4%)
- Blue (55%)



- Cyan (86%)
- Magenta (92%)
- Yellow (0%)
- Black (45%)





- Cyan (93%)
- Magenta (96%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 28.0980, -36.6410, 41.8150 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 28.0980, -36.6410, 41.8150 by changing the saturation by 10% instead.


 28.0980, -36.6410,
41.8150


 28.0980, -36.6410,
41.8150


 250.8910, 1.9250,
3.6610


 12.9960, -36.5940,
35.4540


 84.6590, -24.8590,
48.5570


 10.0320, -28.2480,
27.3680


 111.4960,
-22.8420, 50.5500


 11.4050, -22.4690,
16.2430

 138.1480,
-21.7420, 52.6420

 6.4350, -13.9860,
11.1820

 162.4230,
-12.5710, 46.1250

 2.7530, -6.3740,
5.3860


 187.2420, -2.1160,
38.3640


 0.0000, 0.0000,
0.0000


 212.6480, 8.0640,


30.0800


 233.8680, 9.9000,
18.8280


 28.0980, -36.6410,
41.8150


 28.0980, -36.6410,
41.8150


 18.6510, -39.5760,
45.4480

 40.2030, -32.7430,
37.2490

 52.3080, -28.8450,
32.6830

 64.4130, -24.9470,
28.1170

 76.8170, -20.4530,
23.7630

 88.9220, -16.5550,
19.1970

■ 101.0270,
-12.6570, 14.6310

■ 113.1320, -8.7590,
10.0650

■ 125.2370, -4.8610,
5.4990

■ 137.3420, -0.9630,
0.9330

Harmonies

Analogous

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



48.5190, -66.3480, 24.0200



28.0980, -36.6410, 41.8150



43.8620, 37.5410, 52.0450

Triad

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



28.0980, -36.6410, 41.8150



32.1820, 49.6980, 13.4260



40.5610, -32.9170, -14.6850

Complementary

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



28.0980, -36.6410, 41.8150



122.9020, 36.6410, -41.8150

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.



34.0460, -15.9500, -30.3340



28.0980, -36.6410, 41.8150



38.6850, 13.5280, -13.8960

Square

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



28.0980, -36.6410, 41.8150



35.5810, 70.9240, 25.2280



31.6980, -14.8500, -28.2420



48.3470, -52.0850, 2.3070

Rectangle

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



28.0980, -36.6410, 41.8150



44.6130, 59.8710, 43.8310



31.6980, -14.8500, -28.2420



38.1670, -26.1760, -21.2160

Sweetspot

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



28.0980, -36.6410, 41.8150



137.0100, -13.9870, 16.7090



97.3200, -74.9590, -23.6870



65.1320, -8.7590, 10.0650



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



28.0980, -36.6410, 41.8150



23.9230, -51.5450, 58.6230



46.9350, 0.9070, 55.1710



62.7980, -2.2470, 2.1770



17.5540, -37.9250, 43.0590



0.5700, -1.6050, 1.5550

Inverse Universe

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



63.3650, 38.0430, 64.9790



73.4990, 53.3060, 91.2420



104.0650, -0.9070, -55.1710



64.7770, 2.2460, 3.3500



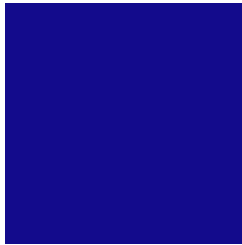
53.9030, 39.4640, 66.7600



2.0650, 1.3750, 2.6150

Previews

White Background



This preview shows how the YIQ color 28.0980, -36.6410, 41.8150 looks on a white background.

Color Contrast Check

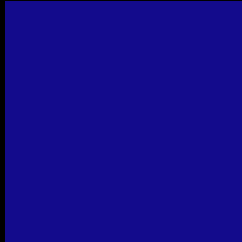
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 28.0980, -36.6410, 41.8150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

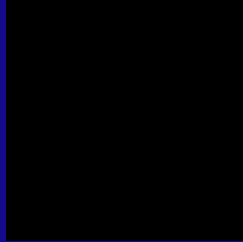
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 28.0980, -36.6410, 41.8150

Background



This preview shows how black text looks on a background with the YIQ color 28.0980, -36.6410, 41.8150.



This preview shows how white text looks on a background with the YIQ color 28.0980, -36.6410,

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

28.0980, -36.6410, 41.8150

Protanopia

34.8000, -40.1190, 5.7130

Deuteranopia

34.9650, -36.4500, -0.2100

Trichromacy



Original Color

28.0980, -36.6410, 41.8150

Protanomaly

32.6020, -39.0210, 18.8590

Deuteranomaly

32.7500, -36.6820, 15.0140

Monochromacy



Original Color

28.0980, -36.6410, 41.8150

Achromatopsia

28.0000, -0.0000, 0.0000

Achromatomaly

28.2550, -13.2990, 15.2530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 28.0980, -36.6410, 41.8150 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(19, 11, 140)` looks like.

```
.text, #text, p{  
    color:rgb(19, 11, 140)  
}
```

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(19, 11, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 11, 140) }
```

Border

The CSS property to change the border of an element to YIQ 28.0980, -36.6410, 41.8150 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(19, 11, 140) }
```

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

```
.border{ border-color:rgb(19, 11, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 11, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 11, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 11, 140);  
box-shadow:4px 4px 4px 4px rgb(19, 11,  
140) }
```


Background

The CSS property to change the background color of an element to YIQ 28.0980, -36.6410, 41.8150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 11, 140) }
```

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

```
.background{ background-color: rgb(19, 11,  
140) }
```

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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