

Converting Colors

YIQ(37.9300, -36.2280, 39.8360)

Have a look what the booklet for
YIQ(37.9300, -36.2280, 39.8360)
contains.

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Color

**YIQ(37.9300, -36.2280,
39.8360)**

Conversions

Conversions Part 1

Format	Color
Hex	1C1692
RGB	28, 22, 146
RGB Percent	11%, 9%, 57%
CMY	0.8901, 0.9137, 0.4277
CMYK	0.81, 0.85, 0.00, 0.43
HSL	243°, 74%, 33%
HSV	243°, 85%, 57%
XYZ	5.9499, 2.8944, 27.4143
YIQ	37.9300, -36.2280, 39.8360

Conversions

Conversions Part 2

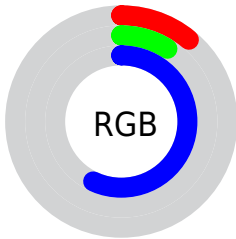
Format	Color
R_{YB}	28, 22, 146
Decimal	1840786
CIE _{Lab}	19.62, 45.01, -64.88
CIE _{LCh}	20, 78.970, 304.752
Yxy	2.8944, 0.1641, 0.0798
Android (android.graphics.Color)	4280030866 (0xFF1C1692)
YUV	37.9300, 53.2785, -8.7086
Hunter-Lab	17.0128, 32.6549, -83.6303

Details

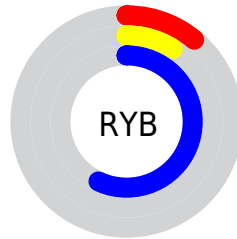
The YIQ color **37.9300, -36.2280, 39.8360** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **130.0700, 36.2280, -39.8360**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **92.1210, -26.2800, 46.7760**, and **10.7160, -30.1740, 29.2340** is the 20% darker color. If you saturate the color by 10%, you get **24.9390, -40.4470, 44.7130**, and if you desaturate by 10%, it is **50.9210, -32.0090, 34.9590**.

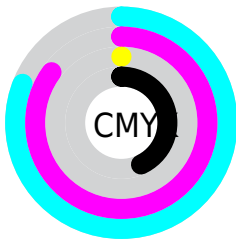
Distribution



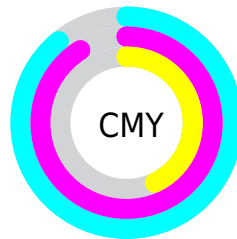
- Red (11%)
- Green (9%)
- Blue (57%)



- Red (11%)
- Yellow (9%)
- Blue (57%)



- Cyan (81%)
- Magenta (85%)
- Yellow (0%)
- Black (43%)



- Cyan (89%)
- Magenta (91%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 37.9300, -36.2280, 39.8360 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 37.9300, -36.2280, 39.8360 by changing the saturation by 10% instead.

■ 37.9300, -36.2280,
39.8360

■ 37.9300, -36.2280,
39.8360

■ 255.0000, -0.0000,
-0.0000

■ 13.5660, -38.1990,
37.0090

■ 92.1210, -26.2800,
46.7760

■ 10.7160, -30.1740,
29.2340

■ 119.0720,
-24.5840, 49.0800

■ 12.5620, -24.3490,
17.2750

■ 145.2680,
-22.2000, 49.9280

■ 7.5920, -15.8660,
12.2140

■ 169.7880,
-12.3410, 41.9550


■ 3.3230, -7.9790,
6.9410


■ 194.0200, -1.6110,
34.7170


■ 0.0000, 0.0000,
0.0000


■ 219.4260, 8.5690,


26.4330


 239.1510, 7.4250,
14.1210


 37.9300, -36.2280,
39.8360


 37.9300, -36.2280,
39.8360


 24.9390, -40.4470,
44.7130


 50.9210, -32.0090,
34.9590

 18.7370, -42.6940,
46.8900

 63.3250, -27.5150,
30.6050

 76.3160, -23.2960,
25.7280

 88.7200, -18.8020,
21.3740

 101.4120,
-15.1790, 16.2850

■ 114.4030,
-10.9600, 11.4080

■ 126.8070, -6.4660,
7.0540

■ 139.7980, -2.2470,
2.1770

■ 152.2020, 2.2470,
-2.1770

Harmonies

Analogous

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



52.0240, -69.3280, 22.9600



37.9300, -36.2280, 39.8360



46.1550, 38.2740, 55.2820

Triad

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



37.9300, -36.2280, 39.8360



39.2700, 52.2660, 10.9380



45.1260, -36.1260, -17.1020

Complementary

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



37.9300, -36.2280, 39.8360



130.0700, 36.2280, -39.8360

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.



37.5680, -17.6000, -33.4720



37.9300, -36.2280, 39.8360



44.3110, 17.5170, -14.6030

Square

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



37.9300, -36.2280, 39.8360



37.9730, 75.6920, 26.9240



35.2200, -16.5000, -31.3800



52.3250, -55.0190, 0.4130

Rectangle

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



37.9300, -36.2280, 39.8360



47.2050, 61.2000, 47.2800



35.2200, -16.5000, -31.3800



42.7320, -29.3850, -23.6330

Sweetspot

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



37.9300, -36.2280, 39.8360



147.9560, -13.8950, 15.0410



106.5760, -72.8040, -24.1960



69.4910, -8.3920, 8.9200



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



37.9300, -36.2280, 39.8360



24.2370, -55.3050, 60.6870



55.8700, -0.4680, 52.5560



67.7980, -2.2470, 2.1770



17.8250, -40.1260, 44.4020



1.1400, -3.2100, 3.1100

Inverse Universe

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



72.5280, 36.0260, 62.9860



77.0310, 54.8640, 96.0480



112.1300, 0.4680, -52.5560



69.8910, 1.9250, 3.6610



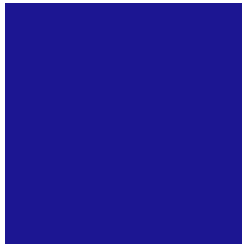
56.1960, 40.1970, 69.9970



4.1300, 2.7500, 5.2300

Previews

White Background



This preview shows how the YIQ color 37.9300, -36.2280, 39.8360 looks on a white background.

Color Contrast Check

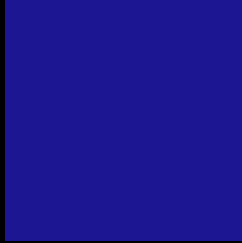
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.9300, -36.2280, 39.8360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

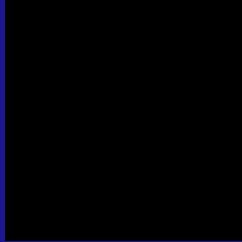
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 37.9300, -36.2280, 39.8360

Background



This preview shows how black text looks on a background with the YIQ color 37.9300, -36.2280, 39.8360.



This preview shows how white text looks on a background with the YIQ color 37.9300, -36.2280,

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

37.9300, -36.2280, 39.8360

Protanopia

38.7610, -44.3830, 5.8970

Deuteranopia

38.9260, -40.7140, -0.0260



Tritanopia

38.1960, -33.1470, -10.5150

Trichromacy



Original Color

37.9300, -36.2280, 39.8360

Protanomaly

38.4060, -41.4050, 18.0110

Deuteranomaly

38.6680, -39.3870, 14.4770

Tritanomaly

37.7900, -34.1590, 7.8330

Monochromacy



Original Color

37.9300, -36.2280, 39.8360

Achromatopsia

38.0000, -0.0000, -0.0000

Achromatomaly

37.7280, -13.2530, 14.4190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.9300, -36.2280, 39.8360 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, 22, 146)` looks like.

```
.text, #text, p{  
    color:rgb(28, 22, 146)  
}
```

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, 22, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 22, 146) }
```

Border

The CSS property to change the border of an element to YIQ 37.9300, -36.2280, 39.8360 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, 22, 146) }
```


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

```
.border{ border-color:rgb(28, 22, 146) }
```

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

Here you see how a box with a 4 pixel rgb(28, 22, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 22, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 22, 146);  
box-shadow:4px 4px 4px 4px rgb(28, 22,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 37.9300, -36.2280, 39.8360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 22, 146) }
```

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

```
.background{ background-color: rgb(28, 22,  
146) }
```

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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