

Converting Colors

YIQ(40.2180, -10.7360, 40.4000)

Have a look what the booklet for
YIQ(40.2180, -10.7360, 40.4000)
contains.

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Color

**YIQ(40.2180, -10.7360,
40.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	371179
RGB	55, 17, 121
RGB Percent	22%, 7%, 47%
CMY	0.7841, 0.9334, 0.5256
CMYK	0.54, 0.86, 0.00, 0.53
HSL	262°, 75%, 27%
HSV	262°, 86%, 47%
XYZ	5.2272, 2.5935, 18.3041
YIQ	40.2180, -10.7360, 40.4000

Conversions

Conversions Part 2

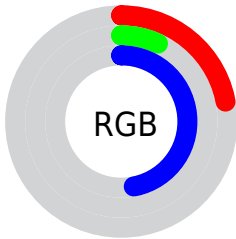
Format	Color
RYB	55, 17, 121
Decimal	3608953
CIELab	18.34, 42.14, -51.18
CIELCh	18, 66.298, 309.468
Yxy	2.5935, 0.2001, 0.0993
Android (android.graphics.Color)	4281799033 (0xFF371179)
YUV	40.2180, 39.8255, 12.9638
Hunter-Lab	16.1042, 29.7560, -56.1164

Details

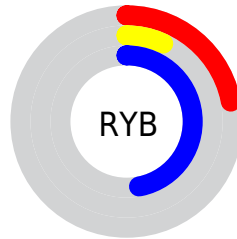
The YIQ color **40.2180, -10.7360, 40.4000** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **97.7820, 10.7360, -40.4000**, and the grayscale version is **40.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **91.4680, -8.4440, 42.9160**, and **8.0940, -22.7910, 22.0810** is the 20% darker color. If you saturate the color by 10%, you get **30.7820, -12.2040, 44.9800**, and if you desaturate by 10%, it is **49.6540, -9.2680, 35.8200**.

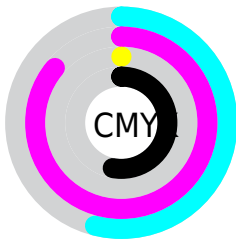
Distribution



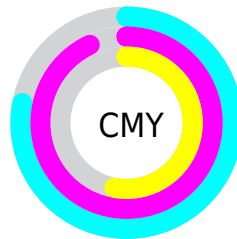
- Red (22%)
- Green (7%)
- Blue (47%)



- Red (22%)
- Yellow (7%)
- Blue (47%)



- Cyan (54%)
- Magenta (86%)
- Yellow (0%)
- Black (53%)



- Cyan (78%)
- Magenta (93%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.2180, -10.7360, 40.4000 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 40.2180, -10.7360, 40.4000 by changing the saturation by 10% instead.

40.2180, -10.7360,
40.4000

40.2180, -10.7360,
40.4000

254.4130, 0.2750,
0.5230

18.1200, -16.5120,
34.9440

91.4680, -8.4440,
42.9160

8.0940, -22.7910,
22.0810

117.4080, -8.2150,
44.2730

7.8200, -16.5080,
12.8360

143.7610, -7.7110,
46.1530

3.5510, -8.6210,
7.5630

170.4300, -5.2810,
46.1670

0.0000, 0.0000,
0.0000

194.9500, 4.5780,
38.1940

220.0570, 14.1620,

29.6980

237.3900, 8.2500,
15.6900

40.2180, -10.7360,
40.4000

40.2180, -10.7360,
40.4000

30.7820, -12.2040,
44.9800

49.6540, -9.2680,
35.8200

26.9500, -12.6170,
46.9590

58.7910, -8.3960,
31.0280

68.2270, -6.9280,
26.4480

77.6630, -5.4600,
21.8680

86.8000, -4.5880,
17.0760

■ 96.8230, -3.3950,
11.9730

■ 106.2590, -1.9270,
7.3930

■ 115.3960, -1.0550,
2.6010

■ 124.8320, 0.4130,
-1.9790

Harmonies

Analogous

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



44.4780, -59.1030, 19.3690



40.2180, -10.7360, 40.4000



41.4120, 38.6880, 47.7760

Triad

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



40.2180, -10.7360, 40.4000



40.9540, 41.1720, 2.7400



42.6470, -36.0350, -13.2430

Complementary

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



40.2180, -10.7360, 40.4000



97.7820, 10.7360, -40.4000

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.



35.6760, -17.7840, -30.1360



40.2180, -10.7360, 40.4000



40.7340, 11.8320, -16.2000

Square

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



40.2180, -10.7360, 40.4000



32.8900, 65.5600, 23.3200



32.8720, -15.4000, -29.2880



48.4780, -51.0760, 0.5400

Rectangle

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



40.2180, -10.7360, 40.4000



41.3520, 56.1120, 40.3680



32.8720, -15.4000, -29.2880



40.7090, -30.5780, -18.5300

Sweetspot

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



40.2180, -10.7360, 40.4000



126.1590, -4.2210, 15.9310



68.7720, -52.0840, -3.2200



60.4270, -2.3400, 9.3720



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



40.2180, -10.7360, 40.4000



35.3540, -16.1500, 61.4340



55.1680, 19.0640, 51.0000



56.2820, -0.7340, 2.2900



28.0040, -12.7090, 48.6270



56.2360, -26.0600, 97.8760

Inverse Universe

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



55.6200, 40.7980, 42.5740



58.6420, 62.0680, 64.5960



82.8320, -19.0640, -51.0000



57.2500, 2.2920, 2.5160



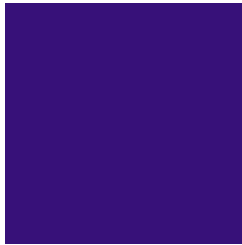
46.3810, 49.1410, 51.0690



93.5880, 98.8320, 103.1840

Previews

White Background



This preview shows how the YIQ color 40.2180, -10.7360, 40.4000 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 40.2180, -10.7360, 40.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

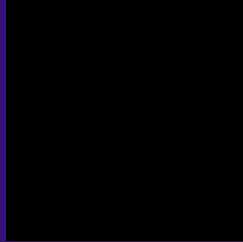
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 40.2180, -10.7360, 40.4000

Background



This preview shows how black text looks on a background with the YIQ color 40.2180, -10.7360, 40.4000.



This preview shows how white text looks on a background with the YIQ color 40.2180, -10.7360,

40.4000.

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

40.2180, -10.7360, 40.4000

Protanopia

37.1310, -42.5490, 5.6990

Deuteranopia

37.2960, -38.8800, -0.2240



Tritanopia

44.3730, -11.4160, -2.3600

Trichromacy



Original Color

40.2180, -10.7360, 40.4000

Protanomaly

38.3810, -31.0890, 18.2790

Deuteranomaly

38.5290, -28.7500, 14.4340

Tritanomaly

42.5710, -11.3730, 13.3870

Monochromacy



Original Color

40.2180, -10.7360, 40.4000

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

40.1050, -4.1290, 14.2630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.2180, -10.7360, 40.4000 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(55, 17, 121)` looks like.

```
.text, #text, p{  
    color:rgb(55, 17, 121)  
}
```

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(55, 17, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 17, 121) }
```

Border

The CSS property to change the border of an element to YIQ 40.2180, -10.7360, 40.4000 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(55, 17, 121) }
```


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

```
.border{ border-color:rgb(55, 17, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 17, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 17, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 17, 121);  
box-shadow:4px 4px 4px 4px rgb(55, 17,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 40.2180, -10.7360, 40.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 17, 121) }
```

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

```
.background{ background-color: rgb(55, 17,  
121) }
```

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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