

Converting Colors

YIQ(34.2180, -10.7360, 40.4000)

Have a look what the booklet for
YIQ(34.2180, -10.7360, 40.4000)
contains.

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Color

**YIQ(34.2180, -10.7360,
40.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	310B73
RGB	49, 11, 115
RGB Percent	19%, 4%, 45%
CMY	0.8077, 0.9569, 0.5491
CMYK	0.57, 0.90, 0.00, 0.55
HSL	262°, 83%, 25%
HSV	262°, 90%, 45%
XYZ	4.4807, 2.1300, 16.3852
YIQ	34.2180, -10.7360, 40.4000

Conversions

Conversions Part 2

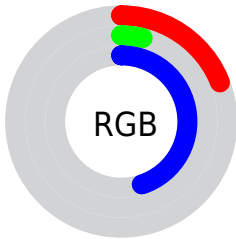
Format	Color
R_{YB}	49, 11, 115
Decimal	3214195
CIE _{Lab}	16.16, 42.02, -50.94
CIE _{LCh}	16, 66.036, 309.521
Yxy	2.1300, 0.1948, 0.0926
Android (android.graphics.Color)	4281404275 (0xFF310B73)
YUV	34.2180, 39.8255, 12.9638
Hunter-Lab	14.5946, 29.2613, -56.3479




Details

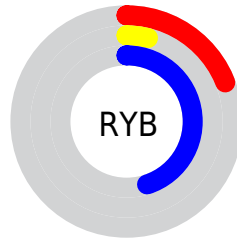
The YIQ color **34.2180, -10.7360, 40.4000** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **91.7820, 10.7360, -40.4000**, and the grayscale version is **34.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **86.0550, -8.7190, 42.3930**, and **7.5240, -21.1860, 20.5260** is the 20% darker color. If you saturate the color by 10%, you get **25.6680, -11.8830, 44.6690**, and if you desaturate by 10%, it is **42.7680, -9.5890, 36.1310**.

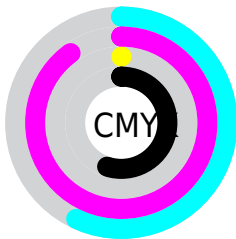
Distribution







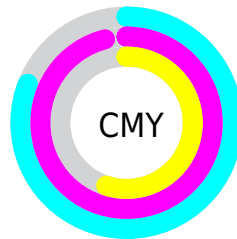
-  Red (19%)
-  Green (4%)
-  Blue (45%)






-  Red (19%)
-  Yellow (4%)
-  Blue (45%)



-  Cyan (57%)
-  Magenta (90%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (81%)
-  Magenta (96%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.2180, -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 34.2180, -10.7360, 40.4000 by changing the saturation by 10% instead.

■ 34.2180, -10.7360,
40.4000

■ 34.2180, -10.7360,
40.4000

■ 250.8910, 1.9250,
3.6610

■ 15.3430, -18.7580,
31.5940

■ 86.0550, -8.7190,
42.3930

■ 7.5240, -21.1860,
20.5260

■ 111.7070, -7.6190,
44.4850

■ 6.5490, -14.3070,
11.4930

■ 138.2340, -7.6650,
45.3190

■ 2.9810, -7.0160,
6.0080


■ 165.4730, -6.8400,
46.8880


■ 0.0000, 0.0000,
0.0000


■ 189.6340, 2.6520,
40.0600


■ 214.7410, 12.2360,


31.5640


 233.8680, 9.9000,
18.8280


 34.2180, -10.7360,
40.4000


 34.2180, -10.7360,
40.4000


 25.6680, -11.8830,
44.6690

 42.7680, -9.5890,
36.1310

 52.2040, -8.1210,
31.5510

 60.7540, -6.9740,
27.2820

 69.8910, -6.1020,
22.4900

 78.4410, -4.9550,
18.2210

■ 87.8770, -3.4870,
13.6410

■ 96.4270, -2.3400,
9.3720

■ 105.5640, -1.4680,
4.5800

■ 114.4130, 0.2750,
0.5230

Harmonies

Analogous

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



41.4460, -56.0770, 19.5950



34.2180, -10.7360, 40.4000



38.9340, 37.0380, 44.6380

Triad

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



34.2180, -10.7360, 40.4000



36.2250, 38.9710, 4.0830



39.7290, -33.3300, -12.7060

Complementary

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



34.2180, -10.7360, 40.4000



91.7820, 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.



32.2850, -15.1250, -28.7650



34.2180, -10.7360, 40.4000



36.3040, 10.2270, -14.6450

Square

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



34.2180, -10.7360, 40.4000



30.7970, 61.3880, 21.8360



29.9370, -14.0250, -26.6730



44.9730, -48.0960, 1.6000

Rectangle

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



34.2180, -10.7360, 40.4000



38.6890, 53.5450, 37.3290



29.9370, -14.0250, -26.6730



37.2040, -27.5980, -17.4700

Sweetspot

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



34.2180, -10.7360, 40.4000



119.0450, -3.9000, 15.6200



62.7720, -52.0840, -3.2200



57.5410, -2.6610, 9.6830



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



34.2180, -10.7360, 40.4000



33.5450, -15.3700, 58.3100



49.1680, 19.0640, 51.0000



54.2820, -0.7340, 2.2900



27.3630, -12.3420, 47.4820



55.7090, -26.0140, 97.0420

Inverse Universe

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



49.6200, 40.7980, 42.5740



55.6800, 58.9050, 61.3450



76.8320, -19.0640, -51.0000



55.2500, 2.2920, 2.5160



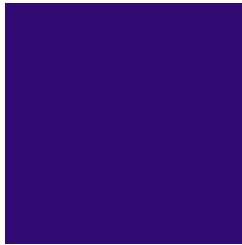
45.3700, 47.6740, 50.1220



92.7620, 98.2820, 102.1380

Previews

White Background



This preview shows how the YIQ color 34.2180, -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 34.2180, -10.7360, 40.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

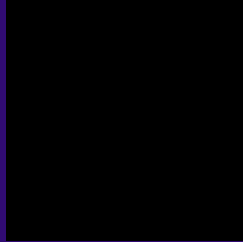
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.2180, -10.7360, 40.4000

Background



This preview shows how black text looks on a background with the YIQ color 34.2180, -10.7360, 40.4000.



This preview shows how white text looks on a background with the YIQ color 34.2180, -10.7360,

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

34.2180, -10.7360, 40.4000

Protanopia

33.8710, -38.8810, 5.3030

Deuteranopia

33.5630, -35.2580, 0.2140



Tritanopia

38.8780, -14.3960, -3.4200

Trichromacy



Original Color

34.2180, -10.7360, 40.4000

Protanomaly

34.0500, -28.6590, 18.2930

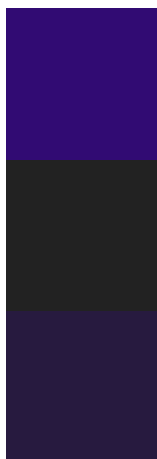
Deuteranomaly

33.6110, -26.0450, 14.9710

Tritanomaly

37.2610, -13.4360, 12.2280

Monochromacy



Original Color

34.2180, -10.7360, 40.4000

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

34.1050, -4.1290, 14.2630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.2180, -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(49, 11, 115)` looks like.

```
.text, #text, p{  
    color:rgb(49, 11, 115)  
}
```

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(49, 11, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 11, 115) }
```

Border

The CSS property to change the border of an element to YIQ 34.2180, -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(49, 11, 115) }
```


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

```
.border{ border-color:rgb(49, 11, 115) }
```

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

Here you see how a box with a 4 pixel rgb(49, 11, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 11, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 11, 115);  
box-shadow:4px 4px 4px 4px rgb(49, 11,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 34.2180, -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(49, 11, 115) }
```

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

```
.background{ background-color: rgb(49, 11,  
115) }
```

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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