

Converting Colors

YIQ(39.5790, -31.0460, 34.0260)

Have a look what the booklet for
YIQ(39.5790, -31.0460, 34.0260)
contains.

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Color

**YIQ(39.5790, -31.0460,
34.0260)**

Conversions

Conversions Part 1

Format	Color
Hex	1F1A84
RGB	31, 26, 132
RGB Percent	12%, 10%, 52%
CMY	0.8783, 0.8981, 0.4826
CMYK	0.76, 0.80, 0.00, 0.48
HSL	243°, 67%, 31%
HSV	243°, 80%, 52%
XYZ	5.0963, 2.6948, 22.0626
YIQ	39.5790, -31.0460, 34.0260

Conversions

Conversions Part 2

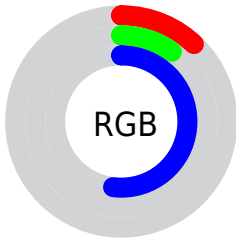
Format	Color
R_{YB}	31, 26, 132
Decimal	2038404
CIE _{Lab}	18.78, 38.64, -57.51
CIE _{LCh}	19, 69.283, 303.896
Yxy	2.6948, 0.1707, 0.0903
Android (android.graphics.Color)	4280228484 (0xFF1F1A84)
YUV	39.5790, 45.5636, -7.5238
Hunter-Lab	16.4159, 26.6871, -68.1929

Details

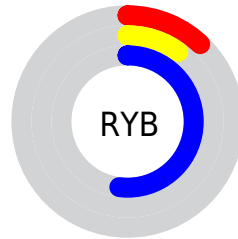
The YIQ color **39.5790, -31.0460, 34.0260** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **118.4210, 31.0460, -34.0260**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **91.5740, -23.4820, 40.1180**, and **9.2340, -26.0010, 25.1910** is the 20% darker color. If you saturate the color by 10%, you get **28.0610, -35.2190, 38.0690**, and if you desaturate by 10%, it is **51.0970, -26.8730, 29.9830**.

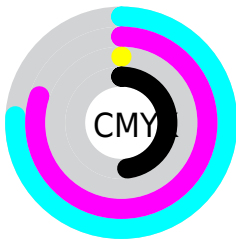
Distribution



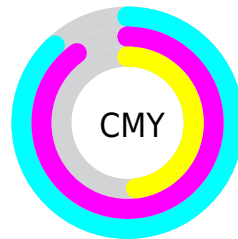
- Red (12%)
- Green (10%)
- Blue (52%)



- Red (12%)
- Yellow (10%)
- Blue (52%)



- Cyan (76%)
- Magenta (80%)
- Yellow (0%)
- Black (48%)



- Cyan (88%)
- Magenta (90%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 39.5790, -31.0460, 34.0260 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 39.5790, -31.0460, 34.0260 by changing the saturation by 10% instead.

■ 39.5790, -31.0460,
34.0260

■ 39.5790, -31.0460,
34.0260

■ 255.0000, -0.0000,
-0.0000

■ 14.4320, -35.1260,
30.8740

■ 91.5740, -23.4820,
40.1180

■ 9.2340, -26.0010,
25.1910

■ 117.2260,
-22.3820, 42.2100

■ 9.4330, -19.6720,
15.1120

■ 143.8780,
-21.2820, 44.3020

■ 5.1640, -11.7850,
9.8390

■ 169.4670,
-15.8710, 39.8490

■ 1.0260, -2.8890,
2.7990

■ 193.4000, -5.7370,
32.3990

■ 0.0000, 0.0000,
0.0000

■ 218.8060, 4.4430,

24.1150

240.3250, 6.8750,
13.0750

39.5790, -31.0460,
34.0260

39.5790, -31.0460,
34.0260

28.0610, -35.2190,
38.0690

51.0970, -26.8730,
29.9830

16.8420, -38.7960,
42.3240

62.3160, -23.2960,
25.7280

74.4210, -19.3980,
21.1620

85.6400, -15.8210,
16.9070

97.1580, -11.6480,
12.8640

■ 108.3770, -8.0710,
8.6090

■ 119.8950, -3.8980,
4.5660

■ 132.0000, -0.0000,
-0.0000

■ 143.2190, 3.5770,
-4.2550

Harmonies

Analogous

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



48.2110, -62.7250, 18.9310



39.5790, -31.0460, 34.0260



42.0680, 33.9650, 50.7730

Triad

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



39.5790, -31.0460, 34.0260



39.2370, 47.8650, 8.0970



42.7950, -33.6960, -17.0880

Complementary

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



39.5790, -31.0460, 34.0260



118.4210, 31.0460, -34.0260

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.



35.8070, -16.7750, -31.9030



39.5790, -31.0460, 34.0260



43.1370, 18.0670, -13.5570

Square

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



39.5790, -31.0460, 34.0260



34.9830, 69.7320, 24.8040



33.4590, -15.6750, -29.8110



48.6090, -50.0670, -1.2270

Rectangle

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



39.5790, -31.0460, 34.0260



43.0900, 54.0940, 43.9020



33.4590, -15.6750, -29.8110



40.1560, -27.6430, -22.1630

Sweetspot

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



39.5790, -31.0460, 34.0260



135.2720, -11.9690, 13.1750



97.9580, -62.0760, -20.3800



65.1490, -7.4290, 7.9870



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



39.5790, -31.0460, 34.0260



28.0880, -47.8760, 52.7000



55.1270, -0.0540, 45.0500



60.6840, -1.9260, 1.8660



16.6140, -38.1540, 41.7020



0.3420, -0.9630, 0.9330

Inverse Universe

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



69.2080, 30.7550, 53.8830



73.8200, 47.6680, 83.2840



102.8730, 0.0540, -45.0500



62.4780, 1.6500, 3.1380



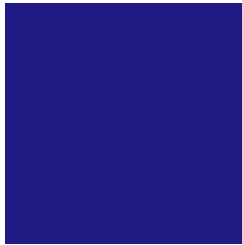
53.0060, 37.6760, 66.1240



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 39.5790, -31.0460, 34.0260 looks on a white background.

Color Contrast Check

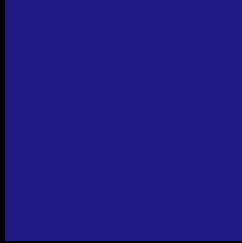
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5790, -31.0460, 34.0260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

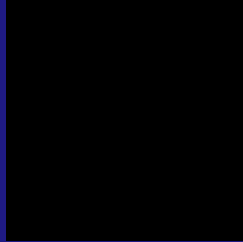
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.5790, -31.0460, 34.0260

Background



This preview shows how black text looks on a background with the YIQ color 39.5790, -31.0460, 34.0260.



This preview shows how white text looks on a background with the YIQ color 39.5790, -31.0460,

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

39.5790, -31.0460, 34.0260

Protanopia

37.1310, -42.5490, 5.6990

Deuteranopia

37.2960, -38.8800, -0.2240



Tritanopia

36.7940, -31.9550, -10.0910

Trichromacy



Original Color

39.5790, -31.0460, 34.0260

Protanomaly

37.9070, -38.5620, 16.0460

Deuteranomaly

38.0550, -36.2230, 12.2010

Tritanomaly

37.9920, -31.9120, 5.6560

Monochromacy



Original Color

39.5790, -31.0460, 34.0260

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

39.9300, -11.0060, 12.2420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.5790, -31.0460, 34.0260 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(31, 26, 132)` looks like.

```
.text, #text, p{  
    color:rgb(31, 26, 132)  
}
```

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(31, 26, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 26, 132) }
```

Border

The CSS property to change the border of an element to YIQ 39.5790, -31.0460, 34.0260 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(31, 26, 132) }
```


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

```
.border{ border-color:rgb(31, 26, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 26, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 26, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 26, 132);  
box-shadow:4px 4px 4px 4px rgb(31, 26,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 39.5790, -31.0460, 34.0260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 26, 132) }
```

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

```
.background{ background-color: rgb(31, 26,  
132) }
```

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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