

Converting Colors

YIQ(31.7760, 5.1280, 39.2400)

Have a look what the booklet for
YIQ(31.7760, 5.1280, 39.2400)
contains.

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Color

**YIQ(31.7760, 5.1280,
39.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	3D055D
RGB	61, 5, 93
RGB Percent	24%, 2%, 36%
CMY	0.7606, 0.9805, 0.6353
CMYK	0.34, 0.95, 0.00, 0.64
HSL	278°, 90%, 19%
HSV	278°, 95%, 36%
XYZ	3.9567, 1.8918, 10.5097
YIQ	31.7760, 5.1280, 39.2400

Conversions

Conversions Part 2

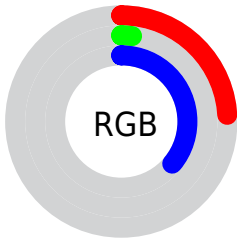
Format	Color
RYB	61, 5, 93
Decimal	3999069
CIELab	14.91, 40.06, -38.45
CIELCh	15, 55.529, 316.174
Yxy	1.8918, 0.2419, 0.1156
Android (android.graphics.Color)	4282189149 (0xFF3D055D)
YUV	31.7760, 30.1834, 25.6294
Hunter-Lab	13.7541, 27.2799, -35.6764




Details

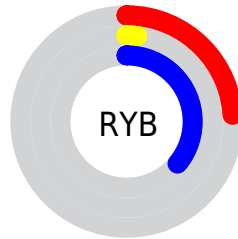
The YIQ color **31.7760, 5.1280, 39.2400** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **66.2240, -5.1280, -39.2400**, and the grayscale version is **31.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **83.6620, 5.4490, 38.9290**, and **6.7390, -11.7860, 15.3660** is the 20% darker color. If you saturate the color by 10%, you get **28.2430, 5.3110, 41.4310**, and if you desaturate by 10%, it is **37.9560, 4.4410, 35.1690**.

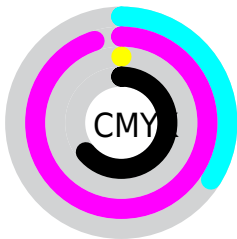
Distribution







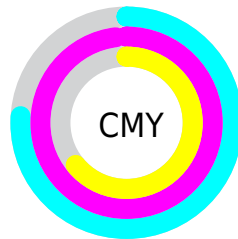
-  Red (24%)
-  Green (2%)
-  Blue (36%)






-  Red (24%)
-  Yellow (2%)
-  Blue (36%)



-  Cyan (34%)
-  Magenta (95%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (76%)
-  Magenta (98%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 31.7760, 5.1280, 39.2400 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 31.7760, 5.1280, 39.2400 by changing the saturation by 10% instead.

■ 31.7760, 5.1280,
39.2400

■ 31.7760, 5.1280,
39.2400

■ 248.5430, 3.0250,
5.7530

■ 18.6300, -0.6930,
29.0910

■ 83.6620, 5.4490,
38.9290

■ 6.7390, -11.7860,
15.3660

■ 109.1890, 5.4030,
39.7630

■ 3.3230, -7.9790,
6.9410

■ 135.4280, 6.2280,
41.3320


■ 0.0000, 0.0000,
0.0000

■ 162.2540, 6.7780,
42.3780


■ 189.6670, 7.0530,
42.9010


■ 214.4860, 17.5080,

35.1400


 232.1070, 10.7250,
20.3970


 31.7760, 5.1280,
39.2400


 31.7760, 5.1280,
39.2400


 28.2430, 5.3110,
41.4310

 37.9560, 4.4410,
35.1690

 45.0220, 4.0750,
30.7870

 51.2020, 3.3880,
26.7160

 57.6810, 3.2970,
22.8570

 63.8610, 2.6100,
18.7860

■ 70.6280, 1.6480,
14.1920

■ 77.1070, 1.5570,
10.3330

■ 83.2870, 0.8700,
6.2620

■ 90.0540, -0.0920,
1.6680

Harmonies

Analogous

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



34.8290, -47.0900, 16.4140



31.7760, 5.1280, 39.2400



34.6040, 37.7270, 37.6550

Triad

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



31.7760, 5.1280, 39.2400



35.5610, 28.9770, -2.0230



37.2500, -33.2390, -8.8470

Complementary

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



31.7760, 5.1280, 39.2400



66.2240, -5.1280, -39.2400

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.



31.8750, -19.4820, -21.3860



31.7760, 5.1280, 39.2400



32.7270, 4.5420, -16.2420

Square

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



31.7760, 5.1280, 39.2400



26.0130, 51.8520, 18.4440



28.1760, -13.2000, -25.1040



41.3540, -44.7950, 2.3490

Rectangle

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



31.7760, 5.1280, 39.2400



33.5480, 49.3280, 31.1520



28.1760, -13.2000, -25.1040



35.6540, -28.7450, -13.2010

Sweetspot

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



31.7760, 5.1280, 39.2400



96.4540, 2.1980, 15.2380



33.8160, -37.0480, 10.6320



46.5800, 1.6030, 9.4990



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



31.7760, 5.1280, 39.2400



36.4040, 6.7760, 53.4320



39.9760, 28.0520, 42.2920



42.4670, 0.1830, 2.1910



33.4700, 6.4100, 49.0500



72.1670, 13.9190, 105.7190

Inverse Universe

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



34.9600, 42.1760, 28.6080



40.7820, 57.7170, 38.8130



58.0240, -28.0520, -42.2920



42.7230, 2.3380, 1.6820



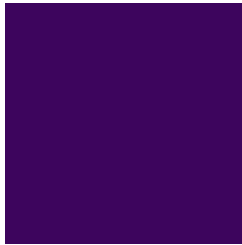
37.4500, 52.7200, 35.7600



80.6670, 113.6460, 76.9900

Previews

White Background



This preview shows how the YIQ color 31.7760, 5.1280, 39.2400 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 31.7760, 5.1280, 39.2400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

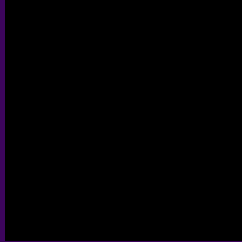
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 31.7760, 5.1280, 39.2400

Background



This preview shows how black text looks on a background with the YIQ color 31.7760, 5.1280, 39.2400.



This preview shows how white text looks on a background with the YIQ color 31.7760, 5.1280,

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

31.7760, 5.1280, 39.2400

Protanopia

32.2410, -37.0470, 5.1050

Deuteranopia

32.7480, -34.3410, 0.1150



Tritanopia

41.4140, 7.7020, 3.5900

Trichromacy



Original Color

31.7760, 5.1280, 39.2400

Protanomaly

32.2310, -21.9190, 17.2890

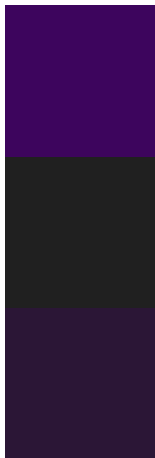
Deuteranomaly

32.6070, -20.2220, 14.0660

Tritanomaly

37.8460, 6.9660, 16.9340

Monochromacy



Original Color

31.7760, 5.1280, 39.2400

Achromatopsia

32.0000, -0.0000, -0.0000

Achromatomaly

31.9270, 2.2440, 14.4040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 31.7760, 5.1280, 39.2400 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(61, 5, 93)` looks like.

```
.text, #text, p{  
    color:rgb(61, 5, 93)  
}
```

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(61, 5, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 5, 93) }
```

Border

The CSS property to change the border of an element to YIQ 31.7760, 5.1280, 39.2400 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(61, 5, 93) }
```


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

```
.border{ border-color:rgb(61, 5, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 5, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 5, 93); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 5, 93); box-shadow:4px  
4px 4px 4px rgb(61, 5, 93) }
```

Background

The CSS property to change the background color of an element to YIQ 31.7760, 5.1280, 39.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 5, 93) }
```

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

```
.background{ background-color: rgb(61, 5,  
93) }
```

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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