

Converting Colors

YIQ(39.3760, 2.8380, 25.6700)

Have a look what the booklet for
YIQ(39.3760, 2.8380, 25.6700)
contains.

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Color

**YIQ(39.3760, 2.8380,
25.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	3A1650
RGB	58, 22, 80
RGB Percent	23%, 9%, 31%
CMY	0.7724, 0.9138, 0.6863
CMYK	0.27, 0.73, 0.00, 0.69
HSL	277°, 57%, 20%
HSV	277°, 73%, 31%
XYZ	3.4810, 2.0528, 7.8005
YIQ	39.3760, 2.8380, 25.6700

Conversions

Conversions Part 2

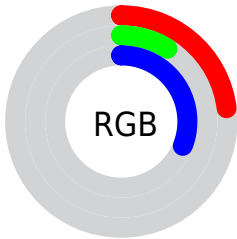
Format	Color
R_{YB}	58, 22, 80
Decimal	3806800
CIE _{Lab}	15.76, 29.14, -28.30
CIE _{LCh}	16, 40.623, 315.835
Yxy	2.0528, 0.2611, 0.1539
Android (android.graphics.Color)	4281996880 (0xFF3A1650)
YUV	39.3760, 20.0276, 16.3332
Hunter-Lab	14.3275, 18.2951, -22.2507

Details

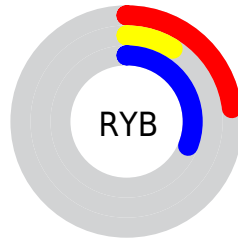
The YIQ color **39.3760, 2.8380, 25.6700** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **62.6240, -2.8380, -25.6700**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **87.0280, 3.9380, 27.7620**, and **4.8870, -9.4470, 11.5210** is the 20% darker color. If you saturate the color by 10%, you get **33.7830, 3.2500, 29.2180**, and if you desaturate by 10%, it is **44.9690, 2.4260, 22.1220**.

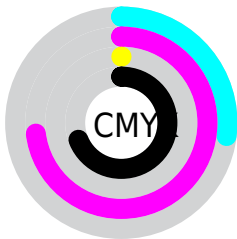
Distribution



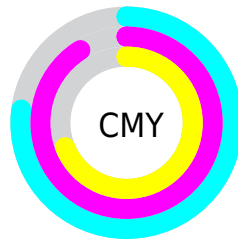
- Red (23%)
- Green (9%)
- Blue (31%)



- Red (23%)
- Yellow (9%)
- Blue (31%)



- Cyan (27%)
- Magenta (73%)
- Yellow (0%)
- Black (69%)



- Cyan (77%)
- Magenta (91%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 39.3760, 2.8380, 25.6700 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 39.3760, 2.8380, 25.6700 by changing the saturation by 10% instead.

■ 39.3760, 2.8380,
25.6700

■ 39.3760, 2.8380,
25.6700

■ 254.4130, 0.2750,
0.5230

■ 16.9630, 2.5630,
25.1470

■ 87.0280, 3.9380,
27.7620

■ 4.8870, -9.4470,
11.5210

■ 111.8540, 4.4880,
28.8080

■ 1.0260, -2.8890,
2.7990

■ 137.3810, 4.4420,
29.6420

■ 0.0000, 0.0000,
0.0000

■ 164.2070, 4.9920,
30.6880

■ 191.6200, 5.2670,
31.2110

■ 217.9640, 9.9900,

28.2140

237.3900, 8.2500,
15.6900

39.3760, 2.8380,
25.6700

39.3760, 2.8380,
25.6700

33.7830, 3.2500,
29.2180

44.9690, 2.4260,
22.1220

28.1900, 3.6620,
32.7660

50.5620, 2.0140,
18.5740

24.0700, 4.1200,
35.4800

56.1550, 1.6020,
15.0260

61.7480, 1.1900,
11.4780

67.3410, 0.7780,
7.9300

■ 72.9340, 0.3660,
4.3820

■ 78.5270, -0.0460,
0.8340

■ 84.1200, -0.4580,
-2.7140

■ 89.7130, -0.8700,
-6.2620

Harmonies

Analogous

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



33.2500, -41.2660, 9.9820



39.3760, 2.8380, 25.6700



30.6740, 31.5380, 34.1780

Triad

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



39.3760, 2.8380, 25.6700



37.6100, 27.2810, -4.3270



36.0930, -31.3590, -9.8790

Complementary

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



39.3760, 2.8380, 25.6700



62.6240, -2.8380, -25.6700

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.



32.0860, -21.4540, -18.6860



39.3760, 2.8380, 25.6700



36.0050, 9.6310, -14.8570

Square

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



39.3760, 2.8380, 25.6700



33.3120, 43.2800, 8.5920



28.1760, -13.2000, -25.1040



38.5840, -39.7510, -0.9590

Rectangle

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



39.3760, 2.8380, 25.6700



30.3020, 41.2130, 29.5410



28.1760, -13.2000, -25.1040



34.9530, -28.1490, -12.9890

Sweetspot

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



39.3760, 2.8380, 25.6700



88.8080, 0.9610, 10.1210



41.5260, -24.6680, 6.5320



43.9880, 0.2740, 6.0500



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



39.3760, 2.8380, 25.6700



41.1180, 4.1650, 40.1730



45.1560, 18.1970, 28.1570



38.0540, -0.0920, 1.6680



31.4050, 5.0350, 46.4350



69.5040, 11.3520, 102.6800

Inverse Universe

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



41.8500, 27.5060, 19.1380



45.0850, 43.3220, 29.8660



56.8440, -18.1970, -28.1570



38.3100, 2.0630, 1.1590



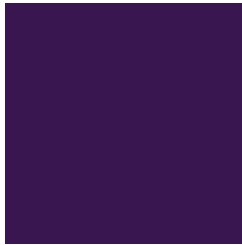
35.9550, 49.7400, 34.7000



79.4000, 110.0240, 76.5520

Previews

White Background



This preview shows how the YIQ color 39.3760, 2.8380, 25.6700 looks on a white background.

Color Contrast Check

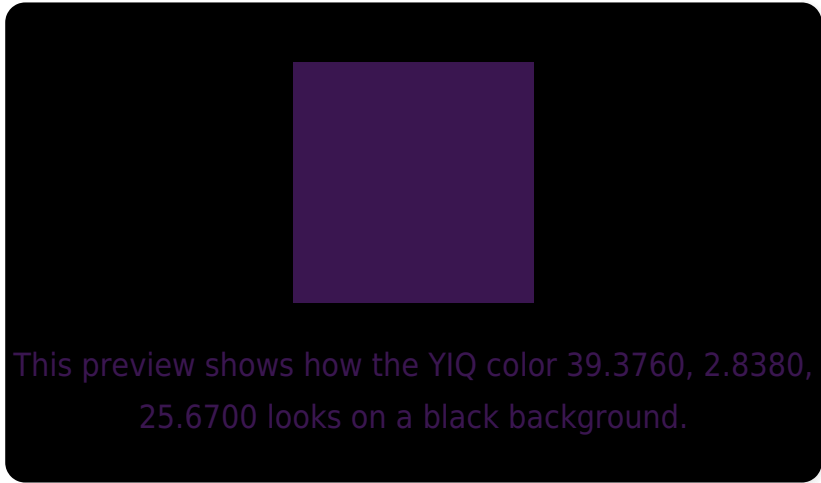
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

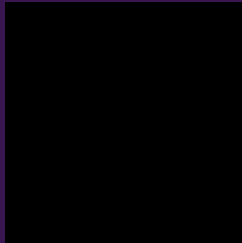
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.3760, 2.8380, 25.6700

Background



This preview shows how black text looks on a background with the YIQ color 39.3760, 2.8380, 25.6700.



This preview shows how white text looks on a background with the YIQ color 39.3760, 2.8380,

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

39.3760, 2.8380, 25.6700

Protanopia

32.3550, -37.3680, 5.4160

Deuteranopia

32.2750, -34.3870, 0.9490



Tritanopia

40.8270, 7.9770, 4.1130

Trichromacy



Original Color

39.3760, 2.8380, 25.6700

Protanomaly

34.9980, -22.8810, 12.6950

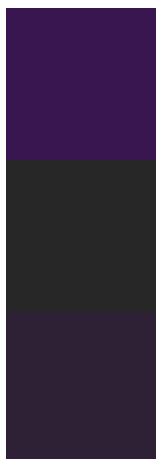
Deuteranomaly

34.7870, -20.9090, 9.9950

Tritanomaly

40.4990, 6.3250, 12.0290

Monochromacy



Original Color

39.3760, 2.8380, 25.6700

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

39.2810, 1.0070, 9.2870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.3760, 2.8380, 25.6700 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(58, 22, 80)` looks like.

```
.text, #text, p{  
    color:rgb(58, 22, 80)  
}
```

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(58, 22, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 22, 80) }
```

Border

The CSS property to change the border of an element to YIQ 39.3760, 2.8380, 25.6700 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(58, 22, 80) }
```


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

```
.border{ border-color:rgb(58, 22, 80) }
```

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

Here you see how a box with a 4 pixel rgb(58, 22, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 22, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 22, 80);  
box-shadow:4px 4px 4px 4px rgb(58, 22, 80)  
}
```

Background

The CSS property to change the background color of an element to YIQ 39.3760, 2.8380, 25.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 22, 80) }
```

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

```
.background{ background-color: rgb(58, 22,  
80) }
```

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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