

Converting Colors

YIQ(39.5820, 25.6250, 25.6970)

Have a look what the booklet for
YIQ(39.5820, 25.6250, 25.6970)
contains.

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Color

**YIQ(39.5820, 25.6250,
25.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	501037
RGB	80, 16, 55
RGB Percent	31%, 6%, 22%
CMY	0.6861, 0.9373, 0.7842
CMYK	0.00, 0.80, 0.31, 0.69
HSL	323°, 67%, 19%
HSV	323°, 80%, 31%
XYZ	4.1870, 2.3532, 3.8503
YIQ	39.5820, 25.6250, 25.6970

Conversions

Conversions Part 2

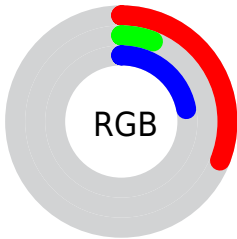
Format	Color
R_{YB}	80, 16, 55
Decimal	5247031
CIE _{Lab}	17.24, 33.30, -8.33
CIE _{LCh}	17, 34.331, 345.953
Yxy	2.3532, 0.4030, 0.2265
Android (android.graphics.Color)	4283437111 (0xFF501037)
YUV	39.5820, 7.6011, 35.4466
Hunter-Lab	15.3403, 21.8746, -4.1431

Details

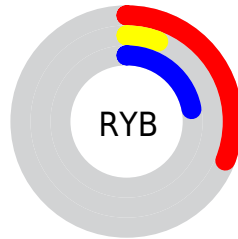
The YIQ color **39.5820, 25.6250, 25.6970** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **56.4180, -25.6250, -25.6970**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.2510, 28.0550, 25.7110**, and **11.3060, 17.0540, 10.3180** is the 20% darker color. If you saturate the color by 10%, you get **34.5440, 28.7880, 28.9480**, and if you desaturate by 10%, it is **44.6200, 22.4620, 22.4460**.

Distribution



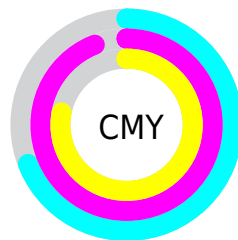
- Red (31%)
- Green (6%)
- Blue (22%)



- Red (31%)
- Yellow (6%)
- Blue (22%)



- Cyan (0%)
- Magenta (80%)
- Yellow (31%)
- Black (69%)



- Cyan (69%)
- Magenta (94%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 39.5820, 25.6250, 25.6970 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 39.5820, 25.6250, 25.6970 by changing the saturation by 10% instead.

■ 39.5820, 25.6250,
25.6970

■ 39.5820, 25.6250,
25.6970

■ 253.8260, 0.5500,
1.0460

■ 20.3210, 21.8660,
22.2340

■ 89.2510, 28.0550,
25.7110

■ 11.3060, 17.0540,
10.3180

■ 114.8490, 29.2470,
26.1350

■ 0.0000, 0.0000,
0.0000

■ 140.8600, 30.7140,
27.0820


■ 168.1590, 31.3100,
27.2940


■ 195.7570, 32.5020,
27.7180


■ 218.0870, 22.6450,


24.6370


 236.8030, 8.5250,
16.2130


 39.5820, 25.6250,
25.6970


 39.5820, 25.6250,
25.6970


 34.5440, 28.7880,
28.9480


 44.6200, 22.4620,
22.4460

 29.5060, 31.9510,
32.1990

 49.6580, 19.2990,
19.1950

 54.6960, 16.1360,
15.9440

 59.8480, 12.6520,
13.0040

 64.8860, 9.4890,
9.7530

■ 69.9240, 6.3260,
6.5020

■ 74.9620, 3.1630,
3.2510

■ 80.0000, 0.0000,
-0.0000

■ 85.0380, -3.1630,
-3.2510

Harmonies

Analogous

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



43.4420, 2.4720, 21.2880



39.5820, 25.6250, 25.6970



37.0530, 37.1800, 20.0280

Triad

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



39.5820, 25.6250, 25.6970



38.9730, 12.6570, -14.6310



39.4160, -39.3380, -2.9380

Complementary

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



39.5820, 25.6250, 25.6970



56.4180, -25.6250, -25.6970

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.



37.3810, -32.2300, -10.6140



39.5820, 25.6250, 25.6970



32.4540, -8.1110, -23.7190

Square

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



39.5820, 25.6250, 25.6970



40.5560, 27.3730, -5.9950



34.5310, -24.2050, -18.3890



39.0230, -42.3650, 2.3630

Rectangle

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



39.5820, 25.6250, 25.6970



38.4410, 38.6030, 10.7550



34.5310, -24.2050, -18.3890



39.2050, -37.3660, -5.6380

Sweetspot

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



39.5820, 25.6250, 25.6970



88.5980, 10.3600, 10.4880



30.7710, -5.6440, 25.2040



43.8100, 6.6470, 6.1910



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.



39.5820, 25.6250, 25.6970



41.1530, 40.6150, 40.3830



35.9340, 35.8970, 15.7450



38.4240, 1.7420, 1.4700



38.6910, 42.0360, 42.1640



85.4420, 93.0110, 93.0350

Inverse Universe

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



39.5820, 25.6250, 25.6970



41.1530, 40.6150, 40.3830



60.0660, -35.8970, -15.7450



38.4240, 1.7420, 1.4700



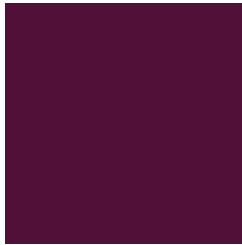
38.6910, 42.0360, 42.1640



85.4420, 93.0110, 93.0350

Previews

White Background



This preview shows how the YIQ color 39.5820, 25.6250, 25.6970 looks on a white background.

Color Contrast Check

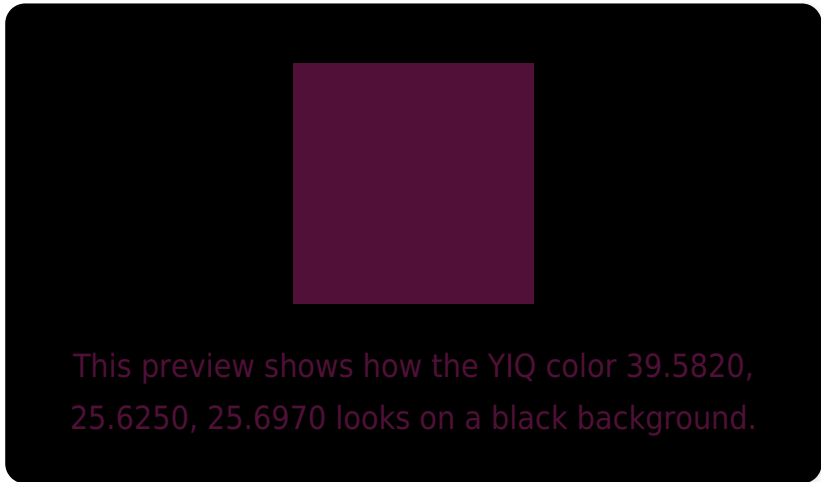
Large Text (above 18pt) WCAG AA ✓ Pass

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

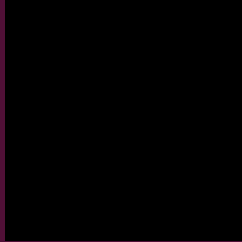
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.5820, 25.6250, 25.6970

Background



This preview shows how black text looks on a background with the YIQ color 39.5820, 25.6250, 25.6970.



This preview shows how white text looks on a background with the YIQ color 39.5820, 25.6250,

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

39.5820, 25.6250, 25.6970

Protanopia

43.2450, -16.5070, 7.3090

Deuteranopia

44.6240, -1.6970, 3.2230



Tritanopia

41.6620, 30.6710, 11.3350

Trichromacy



Original Color

39.5820, 25.6250, 25.6970

Protanomaly

41.6600, -1.3780, 13.9660

Deuteranomaly

42.7550, 8.4800, 11.5200

Tritanomaly

40.7530, 29.1570, 16.7490

Monochromacy



Original Color

39.5820, 25.6250, 25.6970

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

39.7720, 9.8100, 9.4420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.5820, 25.6250, 25.6970 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(80, 16, 55)` looks like.

```
.text, #text, p{  
    color:rgb(80, 16, 55)  
}
```

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(80, 16, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 16, 55) }
```

Border

The CSS property to change the border of an element to YIQ 39.5820, 25.6250, 25.6970 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(80, 16, 55) }
```


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

```
.border{ border-color:rgb(80, 16, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 16, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 16, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 16, 55);  
box-shadow:4px 4px 4px 4px rgb(80, 16, 55)  
}
```

Background

The CSS property to change the background color of an element to YIQ 39.5820, 25.6250, 25.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 16, 55) }
```

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

```
.background{ background-color: rgb(80, 16,  
55) }
```

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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