

Converting Colors

YIQ(15.3780, 25.7190, 12.9750)

Have a look what the booklet for
YIQ(15.3780, 25.7190, 12.9750)
contains.

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Color

**YIQ(15.3780, 25.7190,
12.9750)**

Conversions

Conversions Part 1

Format	Color
Hex	300009
RGB	48, 0, 9
RGB Percent	19%, 0%, 4%
CMY	0.8116, 1.0000, 0.9646
CMYK	0.00, 1.00, 0.81, 0.81
HSL	349°, 100%, 9%
HSV	349°, 100%, 19%
XYZ	1.2698, 0.6489, 0.3175
YIQ	15.3780, 25.7190, 12.9750

Conversions

Conversions Part 2

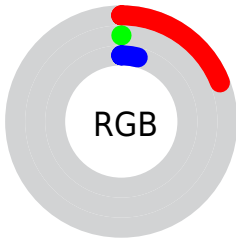
Format	Color
RYB	48, 0, 9
Decimal	3145737
CIELab	5.86, 24.41, 5.57
CIELCh	6, 25.037, 12.843
Yxy	0.6489, 0.5678, 0.2902
Android (android.graphics.Color)	4281335817 (0xFF300009)
YUV	15.3780, -3.1444, 28.6095
Hunter-Lab	8.0554, 14.0406, 3.3022

Details

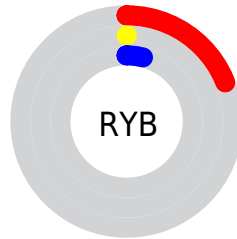
The YIQ color **15.3780, 25.7190, 12.9750** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **32.6220, -25.7190, -12.9750**, and the grayscale version is **15.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **61.5740, 28.1030, 13.8230**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.3780, 25.7190, 12.9750**, and if you desaturate by 10%, it is **18.7690, 23.0600, 11.6040**.

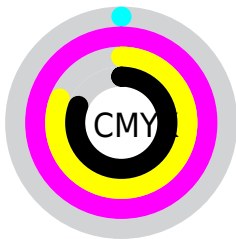
Distribution



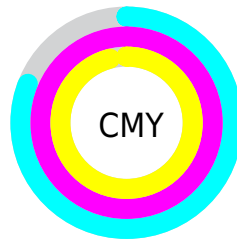
- Red (19%)
- Green (0%)
- Blue (4%)



- Red (19%)
- Yellow (0%)
- Blue (4%)



- Cyan (0%)
- Magenta (100%)
- Yellow (81%)
- Black (81%)



- Cyan (81%)
- Magenta (100%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 15.3780, 25.7190, 12.9750 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 15.3780, 25.7190, 12.9750 by changing the saturation by 10% instead.

■ 15.3780, 25.7190,
12.9750

■ 15.3780, 25.7190,
12.9750

■ 235.4690, 15.0370,
8.3250

■ 4.7840, 9.5360,
3.3920

■ 61.5740, 28.1030,
13.8230

■ 0.0000, 0.0000,
0.0000

■ 85.3570, 30.2120,
14.1480

■ 110.8410, 31.7250,
14.2610

■ 136.4390, 32.9170,
14.6850

■ 163.0370, 34.1090,
15.1090

■ 190.0480, 35.5760,

16.0560

■ 215.8410, 31.7250,
14.2610

■ 15.3780, 25.7190,
12.9750

■ 18.7690, 23.0600,
11.6040

■ 22.1600, 20.4010,
10.2330

■ 24.9640, 18.0170,
9.3850

■ 28.3550, 15.3580,
8.0140

■ 31.7460, 12.6990,
6.6430

■ 35.0230, 10.3610,
4.9610

■ 38.4140, 7.7020,
3.5900

■ 41.2180, 5.3180,
2.7420

■ 44.6090, 2.6590,
1.3710

Harmonies

Analogous

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



17.3370, 15.7690, 17.0890



15.3780, 25.7190, 12.9750



16.0910, 24.8490, 6.7130

Triad

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



15.3780, 25.7190, 12.9750



15.2620, -7.1500, -13.5980



19.9020, -22.9710, 3.3090

Complementary

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



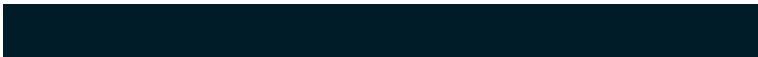
15.3780, 25.7190, 12.9750



32.6220, -25.7190, -12.9750

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.



21.1100, -20.8610, -1.8930



15.3780, 25.7190, 12.9750



16.6640, -8.3420, -14.0220

Square

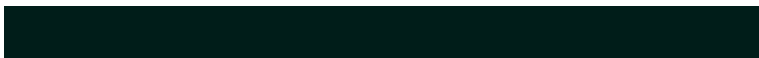
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.3780, 25.7190, 12.9750



17.4100, 4.3570, -7.3790



19.9870, -16.3210, -7.0810



16.3800, -21.3210, 6.4470

Rectangle

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



15.3780, 25.7190, 12.9750



17.8190, 19.6230, 2.3030



19.9870, -16.3210, -7.0810



20.7340, -22.5580, 1.3300

Sweetspot

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



15.3780, 25.7190, 12.9750



48.7240, 9.7650, 4.7490



16.8340, 7.2400, 22.9840



23.5170, 5.9140, 2.9540



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



15.3780, 25.7190, 12.9750



19.4930, 32.8250, 16.3530



22.5700, 24.7580, 2.8540



21.5980, 1.1920, 0.4240



27.8370, 46.7160, 23.4200



68.5460, 114.7040, 57.8080

Inverse Universe

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



15.3780, 25.7190, 12.9750



19.4930, 32.8250, 16.3530



25.4300, -24.7580, -2.8540



21.5980, 1.1920, 0.4240



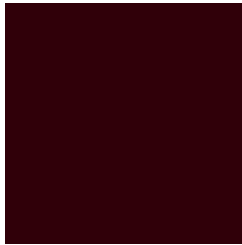
27.8370, 46.7160, 23.4200



68.5460, 114.7040, 57.8080

Previews

White Background



This preview shows how the YIQ color 15.3780, 25.7190, 12.9750 looks on a white background.

Color Contrast Check

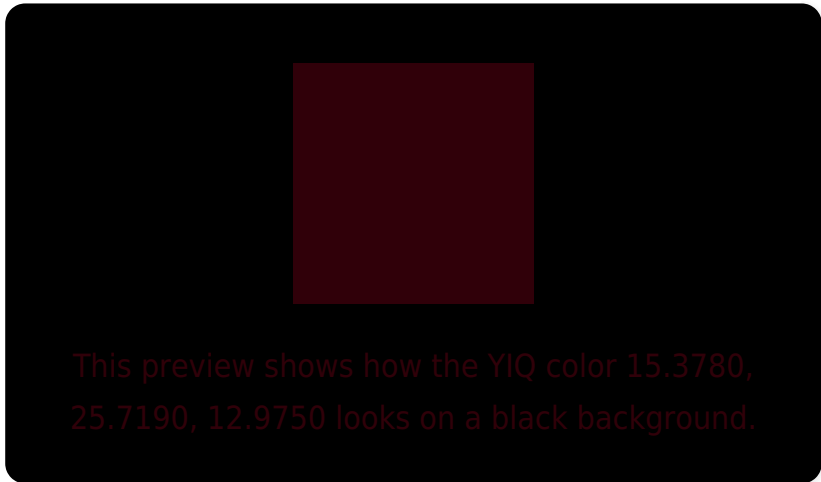
Large Text (above 18pt) WCAG AA ✓ Pass

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

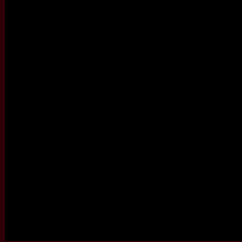
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 15.3780, 25.7190, 12.9750

Background



This preview shows how black text looks on a background with the YIQ color 15.3780, 25.7190, 12.9750.

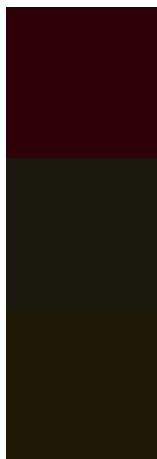


This preview shows how white text looks on a background with the YIQ color 15.3780, 25.7190,

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

15.3780, 25.7190, 12.9750

Protanopia

23.7570, 4.9980, -2.4740

Deuteranopia

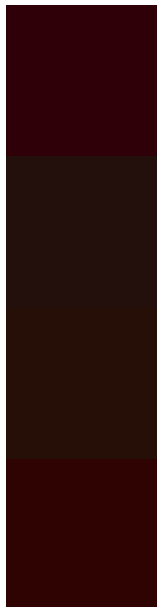
23.3400, 10.5460, -3.9020



Tritanopia

16.7000, 27.5080, 8.0840

Trichromacy



Original Color

15.3780, 25.7190, 12.9750

Protanomaly

20.6380, 12.8830, 3.3070

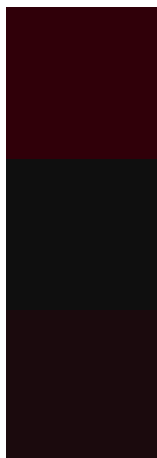
Deuteranomaly

20.5520, 16.0010, 1.8650

Tritanomaly

16.4550, 26.8200, 9.5400

Monochromacy



Original Color

15.3780, 25.7190, 12.9750

Achromatopsia

15.0000, -0.0000, -0.0000

Achromatomaly

15.4250, 9.1690, 4.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 15.3780, 25.7190, 12.9750 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(48, 0, 9)` looks like.

```
.text, #text, p{  
    color:rgb(48, 0, 9)  
}
```

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(48, 0, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 0, 9) }
```

Border

The CSS property to change the border of an element to YIQ 15.3780, 25.7190, 12.9750 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(48, 0, 9) }
```


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

```
.border{ border-color:rgb(48, 0, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 0, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 0, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(48, 0, 9); box-shadow:4px  
4px 4px 4px rgb(48, 0, 9) }
```

Background

The CSS property to change the background color of an element to YIQ 15.3780, 25.7190, 12.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 0, 9) }
```

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

```
.background{ background-color: rgb(48, 0,  
9) }
```

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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