

Converting Colors

YIQ(41.3510, 3.9860, 15.8740)

Have a look what the booklet for
YIQ(41.3510, 3.9860, 15.8740)
contains.

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Color

**YIQ(41.3510, 3.9860,
15.8740)**

Conversions

Conversions Part 1

Format	Color
Hex	371E40
RGB	55, 30, 64
RGB Percent	22%, 12%, 25%
CMY	0.7842, 0.8824, 0.7490
CMYK	0.14, 0.53, 0.00, 0.75
HSL	284°, 36%, 18%
HSV	284°, 53%, 25%
XYZ	2.9660, 2.1110, 5.1012
YIQ	41.3510, 3.9860, 15.8740

Conversions

Conversions Part 2

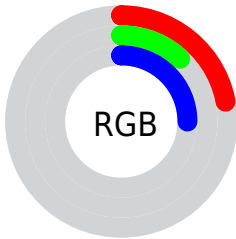
Format	Color
R_{YB}	55, 30, 64
Decimal	3612224
CIE Lab	16.06, 19.23, -16.83
CIE LCh	16, 25.552, 318.815
Yxy	2.1110, 0.2914, 0.2074
Android (android.graphics.Color)	4281802304 (0xFF371E40)
YUV	41.3510, 11.1660, 11.9702
Hunter-Lab	14.5291, 11.0135, -10.6465

Details

The YIQ color **41.3510, 3.9860, 15.8740** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **52.6490, -3.9860, -15.8740**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **87.5900, 4.8110, 17.4430**, and **2.3940, -6.7410, 6.5310** is the 20% darker color. If you saturate the color by 10%, you get **37.2310, 4.4440, 18.5880**, and if you desaturate by 10%, it is **45.4710, 3.5280, 13.1600**.

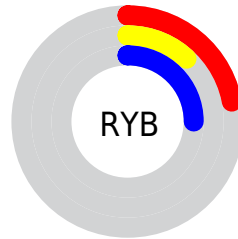
Distribution



Red (22%)

Green (12%)

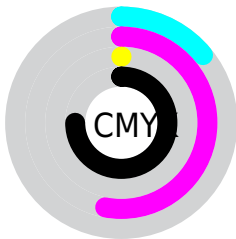
Blue (25%)



Red (22%)

Yellow (12%)

Blue (25%)

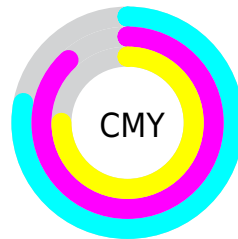


Cyan (14%)

Magenta (53%)

Yellow (0%)

Black (75%)



Cyan (78%)

Magenta (88%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.3510, 3.9860, 15.8740 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 41.3510, 3.9860, 15.8740 by changing the saturation by 10% instead.

■ 41.3510, 3.9860,
15.8740

■ 41.3510, 3.9860,
15.8740

■ 255.0000, -0.0000,
-0.0000

■ 19.3510, 3.9860,
15.8740

■ 87.5900, 4.8110,
17.4430

■ 2.3940, -6.7410,
6.5310

■ 112.0030, 5.0860,
17.9660

■ 0.0000, 0.0000,
0.0000

■ 137.5300, 5.0400,
18.8000

■ 163.9430, 5.3150,
19.3230

■ 191.3560, 5.5900,
19.8460

■ 219.0680, 6.4610,

20.5810

241.4990, 6.3250,
12.0290

41.3510, 3.9860,
15.8740

41.3510, 3.9860,
15.8740

37.2310, 4.4440,
18.5880

45.4710, 3.5280,
13.1600

32.8230, 5.7730,
22.0370

49.8790, 2.1990,
9.7110

28.7030, 6.2310,
24.7510

53.9990, 1.7410,
6.9970

23.9960, 6.9640,
27.9880

58.7060, 1.0080,
3.7600

21.3490, 7.4680,
29.8680

62.5270, -0.0460,
0.8340

■ 66.6470, -0.5040,
-1.8800

■ 71.3540, -1.2370,
-5.1170

■ 75.4740, -1.6950,
-7.8310

■ 79.8820, -3.0240,
-11.2800

Harmonies

Analogous

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



38.8150, -18.1120, 8.8640



41.3510, 3.9860, 15.8740



39.4900, 19.7120, 17.2160

Triad

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



41.3510, 3.9860, 15.8740



37.8760, 23.4760, -6.9560



33.9900, -29.5710, -9.2430

Complementary

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



41.3510, 3.9860, 15.8740



52.6490, -3.9860, -15.8740

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.



31.8240, -23.4720, -15.1520



41.3510, 3.9860, 15.8740



36.3150, 11.6940, -13.6980

Square

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



41.3510, 3.9860, 15.8740



38.4240, 28.1050, 2.7690



33.3820, -7.6080, -16.3120



35.2270, -34.4320, -3.7440

Rectangle

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



41.3510, 3.9860, 15.8740



38.7310, 26.2230, 14.8550



33.3820, -7.6080, -16.3120



33.8930, -27.9200, -11.6320

Sweetspot

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



41.3510, 3.9860, 15.8740



75.4720, 1.7870, 6.1630



39.1590, -13.3890, 5.8670



37.7060, 1.0080, 3.7600



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



41.3510, 3.9860, 15.8740



48.1160, 6.5060, 25.2740



43.1300, 11.9180, 15.2940



30.9400, 0.2290, 1.3570



32.2870, 11.1790, 45.2190



74.8710, 26.4360, 104.6440

Inverse Universe

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



41.1920, 17.3750, 10.0070



47.8560, 27.3690, 16.1130



50.8700, -11.9180, -15.2940



31.0110, 1.4670, 0.9470



31.9670, 49.4660, 28.6500



73.7020, 114.5650, 65.8370

Previews

White Background



This preview shows how the YIQ color 41.3510, 3.9860, 15.8740 looks on a white background.

Color Contrast Check

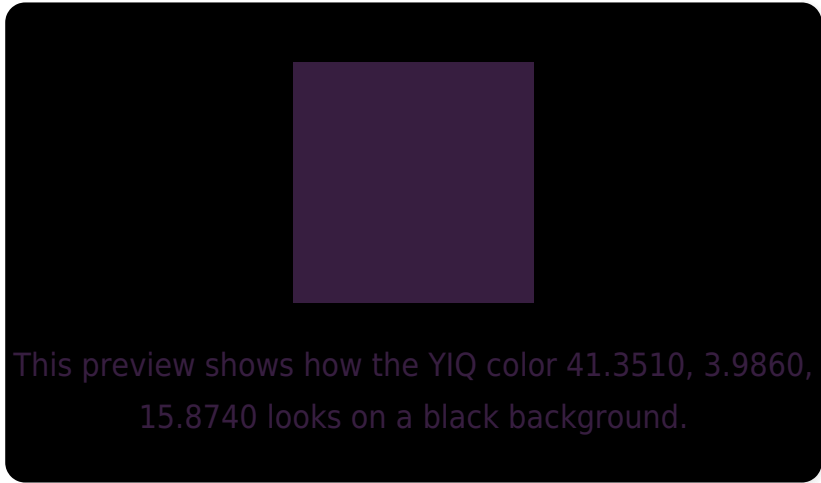
Large Text (above 18pt) WCAG AA ✓ Pass

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

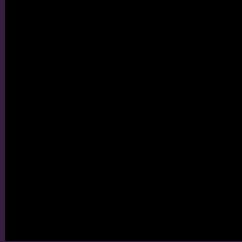
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.3510, 3.9860, 15.8740

Background



This preview shows how black text looks on a background with the YIQ color 41.3510, 3.9860, 15.8740.



This preview shows how white text looks on a background with the YIQ color 41.3510, 3.9860,

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

41.3510, 3.9860, 15.8740

Protanopia

38.3910, -19.8540, 7.3940

Deuteranopia

39.5180, -13.0220, 4.7220



Tritanopia

40.8270, 7.9770, 4.1130

Trichromacy



Original Color

41.3510, 3.9860, 15.8740

Protanomaly

39.5770, -11.5100, 10.3620

Deuteranomaly

39.9750, -6.8790, 9.0330

Tritanomaly

40.9780, 6.2340, 8.1700

Monochromacy



Original Color

41.3510, 3.9860, 15.8740

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

41.0590, 1.5120, 5.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.3510, 3.9860, 15.8740 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(55, 30, 64)` looks like.

```
.text, #text, p{  
    color:rgb(55, 30, 64)  
}
```

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(55, 30, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 30, 64) }
```

Border

The CSS property to change the border of an element to YIQ 41.3510, 3.9860, 15.8740 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(55, 30, 64) }
```


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

```
.border{ border-color:rgb(55, 30, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 30, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 30, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 30, 64);  
box-shadow:4px 4px 4px 4px rgb(55, 30, 64)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.3510, 3.9860, 15.8740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 30, 64) }
```

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

```
.background{ background-color: rgb(55, 30,  
64) }
```

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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