

Converting Colors

YIQ(11.3410, 0.7780, 7.9300)

Have a look what the booklet for
YIQ(11.3410, 0.7780, 7.9300)
contains.

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Color

YIQ(11.3410, 0.7780, 7.9300)

Conversions

Conversions Part 1

Format	Color
Hex	110618
RGB	17, 6, 24
RGB Percent	7%, 2%, 9%
CMY	0.9333, 0.9765, 0.9059
CMYK	0.29, 0.75, 0.00, 0.91
HSL	277°, 60%, 6%
HSV	277°, 75%, 9%
XYZ	0.4613, 0.3153, 0.9006
YIQ	11.3410, 0.7780, 7.9300

Conversions

Conversions Part 2

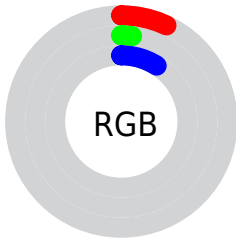
Format	Color
RYB	17, 6, 24
Decimal	1115672
CIELab	2.85, 6.62, -7.97
CIELCh	3, 10.359, 309.700
Yxy	0.3153, 0.2750, 0.1880
Android (android.graphics.Color)	4279305752 (0xFF110618)
YUV	11.3410, 6.2409, 4.9629
Hunter-Lab	5.6156, 4.8345, -5.5774

Details

The YIQ color **11.3410, 0.7780, 7.9300** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **18.6590, -0.7780, -7.9300**, and the grayscale version is **11.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **55.6890, -0.3220, 5.8380**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **9.8680, 0.7320, 8.7640**, and if you desaturate by 10%, it is **12.8140, 0.8240, 7.0960**.

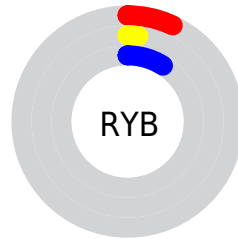
Distribution



Red (7%)

Green (2%)

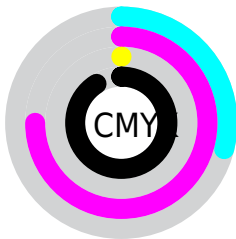
Blue (9%)



Red (7%)

Yellow (2%)

Blue (9%)

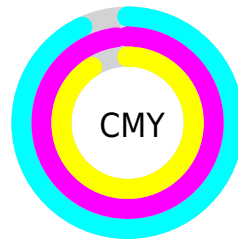


Cyan (29%)

Magenta (75%)

Yellow (0%)

Black (91%)



Cyan (93%)

Magenta (98%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 11.3410, 0.7780, 7.9300 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 11.3410, 0.7780, 7.9300 by changing the saturation by 10% instead.

■ 11.3410, 0.7780,
7.9300

■ 11.3410, 0.7780,
7.9300

■ 236.1560, -0.1390,
8.0290

■ 0.0000, 0.0000,
0.0000

■ 55.6890, -0.3220,
5.8380

■ 78.2160, -0.3680,
6.6720

■ 102.2160, -0.3680,
6.6720

■ 127.3300, -0.6890,
6.9830

■ 153.6290, -0.0930,
7.1950

■ 180.0420, 0.1820,

7.7180

■ 207.7430, -0.4140,
7.5060

■ 11.3410, 0.7780,
7.9300

■ 11.3410, 0.7780,
7.9300

■ 9.8680, 0.7320,
8.7640

■ 12.8140, 0.8240,
7.0960

■ 7.8080, 0.9610,
10.1210

■ 14.8740, 0.5950,
5.7390

■ 7.2210, 1.2360,
10.6440

■ 16.3470, 0.6410,
4.9050

■ 18.4070, 0.4120,
3.5480

■ 19.8800, 0.4580,
2.7140

■ 21.3530, 0.5040,
1.8800

■ 23.4130, 0.2750,
0.5230

■ 24.5870, -0.2750,
-0.5230

■ 26.6470, -0.5040,
-1.8800

Harmonies

Analogous

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



9.8450, -9.6290, 3.8030



11.3410, 0.7780, 7.9300



11.2880, 8.2970, 9.3290

Triad

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



11.3410, 0.7780, 7.9300



10.3880, 10.5910, 0.7910



11.5750, -9.1690, -4.5370

Complementary

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



11.3410, 0.7780, 7.9300



18.6590, -0.7780, -7.9300

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.



9.5060, -4.7210, -8.0570



11.3410, 0.7780, 7.9300



9.7460, 3.5310, -3.4210

Square

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



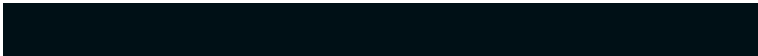
11.3410, 0.7780, 7.9300



10.4210, 14.9920, 3.6320



8.2180, -3.8500, -7.3220



11.9000, -11.4620, -1.5260

Rectangle

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



11.3410, 0.7780, 7.9300



10.8000, 12.6070, 8.3110



8.2180, -3.8500, -7.3220



11.1190, -7.8850, -5.7810

Sweetspot

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



11.3410, 0.7780, 7.9300



25.9940, 0.1370, 3.0250



12.1610, -7.7030, 1.9370



12.3530, 0.5040, 1.8800



143.0000, -0.0000, 0.0000



15.0000, -0.0000, -0.0000

Same Dimension

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



11.3410, 0.7780, 7.9300



11.2750, 1.1440, 12.3120



13.2060, 5.5920, 8.7920



11.5270, -0.0460, 0.8340



22.8310, 3.2950, 33.9110



60.6310, 9.0160, 89.9440

Inverse Universe

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



12.1800, 8.4810, 5.9930



12.6260, 13.1570, 9.3570



16.7940, -5.5920, -8.7920



11.7120, 0.8710, 0.7350



26.4430, 36.2620, 25.6540



70.0020, 96.2250, 67.8170

Previews

White Background



This preview shows how the YIQ color 11.3410, 0.7780, 7.9300 looks on a white background.

Color Contrast Check

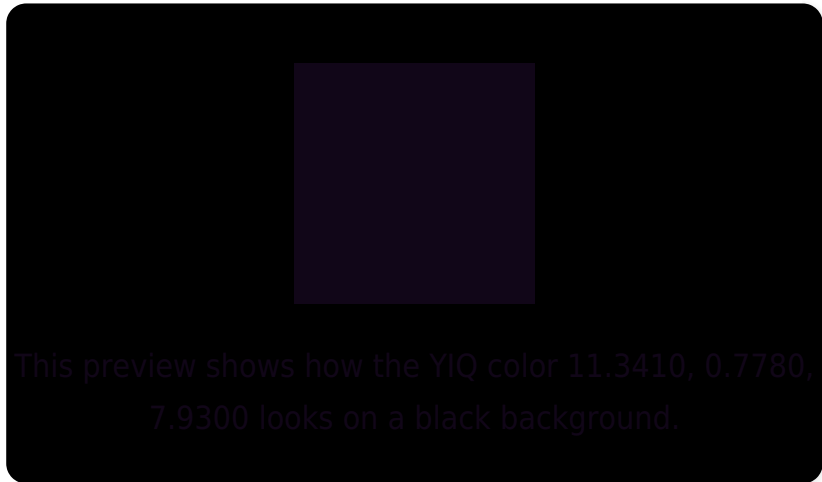
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3410, 0.7780, 7.9300

Background



This preview shows how black text looks on a background with the YIQ color 11.3410, 0.7780, 7.9300.



This preview shows how white text looks on a background with the YIQ color 11.3410, 0.7780, 7.9300.

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

11.3410, 0.7780, 7.9300

Protanopia

9.1930, -10.7290, 1.7110

Deuteranopia

9.4380, -10.0410, 0.2550



Tritanopia

12.1960, 2.3840, 0.8480

Trichromacy



Original Color

11.3410, 0.7780, 7.9300

Protanomaly

9.8130, -6.6030, 4.0290

Deuteranomaly

10.1720, -6.2360, 2.8840

Tritanomaly

11.8910, 1.9250, 3.6610

Monochromacy



Original Color

11.3410, 0.7780, 7.9300

Achromatopsia

11.0000, -0.0000, -0.0000

Achromatomaly

10.9940, 0.1370, 3.0250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 11.3410, 0.7780, 7.9300 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(17, 6, 24)` looks like.

```
.text, #text, p{  
    color:rgb(17, 6, 24)  
}
```

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(17, 6, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 6, 24) }
```

Border

The CSS property to change the border of an element to YIQ 11.3410, 0.7780, 7.9300 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(17, 6, 24) }
```

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

```
.border{ border-color:rgb(17, 6, 24) }
```

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

Here you see how a box with a 4 pixel rgb(17, 6, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 6, 24); -webkit-box-shadow:4px  
4px 4px 4px rgb(17, 6, 24); box-shadow:4px  
4px 4px 4px rgb(17, 6, 24) }
```


Background

The CSS property to change the background color of an element to YIQ 11.3410, 0.7780, 7.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 6, 24) }
```

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

```
.background{ background-color: rgb(17, 6,  
24) }
```

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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