

Converting Colors

YIQ(10.1960, 2.3840, 0.8480)

Have a look what the booklet for
YIQ(10.1960, 2.3840, 0.8480)
contains.

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Color

YIQ(10.1960, 2.3840, 0.8480)

Conversions

Conversions Part 1

Format	Color
Hex	0D0909
RGB	13, 9, 9
RGB Percent	5%, 4%, 4%
CMY	0.9490, 0.9647, 0.9647
CMYK	0.00, 0.31, 0.31, 0.95
HSL	360°, 18%, 4%
HSV	360°, 31%, 5%
XYZ	0.3130, 0.3007, 0.3000
YIQ	10.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

Format	Color
RYB	13, 9, 9
Decimal	854281
CIELab	2.72, 1.12, 0.39
CIELCh	3, 1.182, 19.289
Yxy	0.3007, 0.3426, 0.3290
Android (android.graphics.Color)	4279044361 (0xFF0D0909)
YUV	10.1960, -0.5896, 2.4591
Hunter-Lab	5.4832, 0.5941, 0.5938

Details

The YIQ color **10.1960, 2.3840, 0.8480** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **11.8040, -2.3840, -0.8480**, and the grayscale version is **10.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **54.5980, 1.1920, 0.4240**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **9.4950, 2.9800, 1.0600**, and if you desaturate by 10%, it is **10.8970, 1.7880, 0.6360**.

Distribution



Red (5%)

Green (4%)

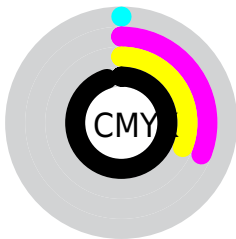
Blue (4%)



Red (5%)

Yellow (4%)

Blue (4%)



Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (95%)



Cyan (95%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 10.1960, 2.3840, 0.8480 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 10.1960, 2.3840, 0.8480 by changing the saturation by 10% instead.

■ 10.1960, 2.3840,
0.8480

■ 10.1960, 2.3840,
0.8480

■ 234.1960, 2.3840,
0.8480

■ 0.0000, 0.0000,
0.0000

■ 54.5980, 1.1920,
0.4240

■ 76.8970, 1.7880,
0.6360

■ 100.8970, 1.7880,
0.6360

■ 125.8970, 1.7880,
0.6360

■ 151.8970, 1.7880,
0.6360

■ 178.8970, 1.7880,

0.6360

■ 205.8970, 1.7880,
0.6360

■ 10.1960, 2.3840,
0.8480

■ 10.1960, 2.3840,
0.8480

■ 9.4950, 2.9800,
1.0600

■ 10.8970, 1.7880,
0.6360

■ 8.0930, 4.1720,
1.4840

■ 12.2990, 0.5960,
0.2120

■ 7.3920, 4.7680,
1.6960

■ 13.0000, -0.0000,
-0.0000

■ 6.6910, 5.3640,
1.9080

■ 13.7010, -0.5960,
-0.2120

■ 5.4030, 6.2350,
2.6430

■ 14.9890, -1.4670,
-0.9470

■ 4.5880, 7.1520,
2.5440

■ 15.8040, -2.3840,
-0.8480

■ 3.8870, 7.7480,
2.7560

■ 16.5050, -2.9800,
-1.0600

■ 17.2060, -3.5760,
-1.2720

■ 18.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



10.3100, 2.0630, 1.1590



10.1960, 2.3840, 0.8480



10.0820, 2.7050, 0.5370

Triad

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



10.1960, 2.3840, 0.8480



9.7610, -0.8250, -1.5690



9.7440, -2.1550, 0.5090

Complementary

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



10.1960, 2.3840, 0.8480



11.8040, -2.3840, -0.8480

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.



9.9180, -2.7050, -0.5370



10.1960, 2.3840, 0.8480



9.5760, -1.7420, -1.4700

Square

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



10.1960, 2.3840, 0.8480



9.6580, 0.9630, -0.9330



9.8040, -2.3840, -0.8480



10.2280, -0.6420, 0.6220

Rectangle

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



10.1960, 2.3840, 0.8480



9.6690, 2.4300, 0.0140



9.8040, -2.3840, -0.8480



9.6300, -1.8340, 0.1980

Sweetspot

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



10.1960, 2.3840, 0.8480



16.5980, 1.1920, 0.4240



10.6520, 1.1000, 2.0920



9.2990, 0.5960, 0.2120



138.0000, -0.0000, -0.0000



10.0000, 0.0000, -0.0000

Same Dimension

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



10.1960, 2.3840, 0.8480



13.0930, 4.1720, 1.4840



11.3700, 1.8340, -0.1980



7.2990, 0.5960, 0.2120



21.2290, 42.3160, 15.0520



59.5010, 118.6040, 42.1880

Inverse Universe

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



10.1960, 2.3840, 0.8480



13.0930, 4.1720, 1.4840



10.6300, -1.8340, 0.1980



7.2990, 0.5960, 0.2120



21.2290, 42.3160, 15.0520



59.5010, 118.6040, 42.1880

Previews

White Background



This preview shows how the YIQ color 10.1960, 2.3840, 0.8480 looks on a white background.

Color Contrast Check

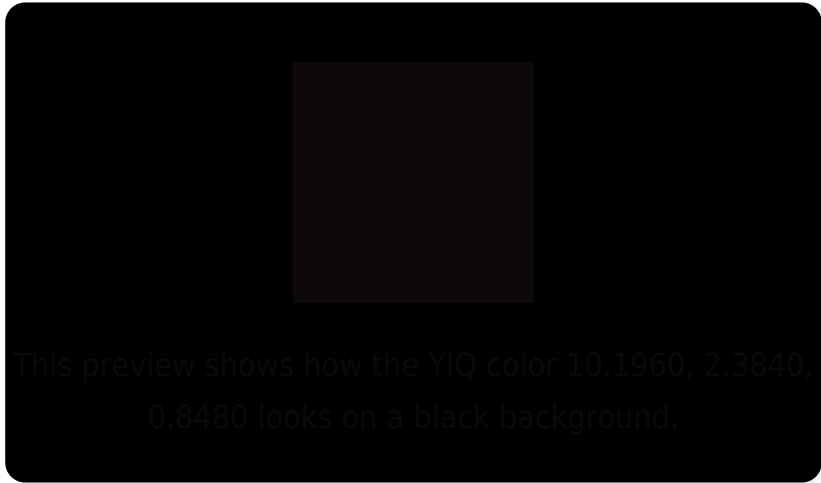
Large Text (above 18pt) WCAG AA ✓ Pass

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

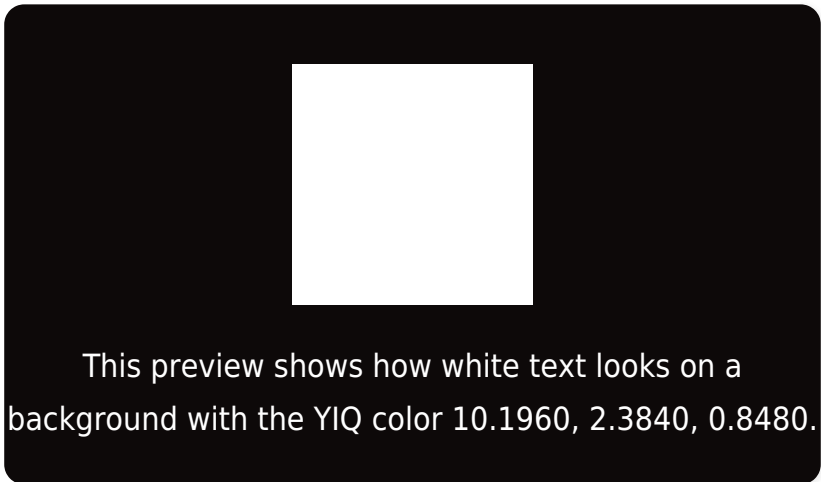
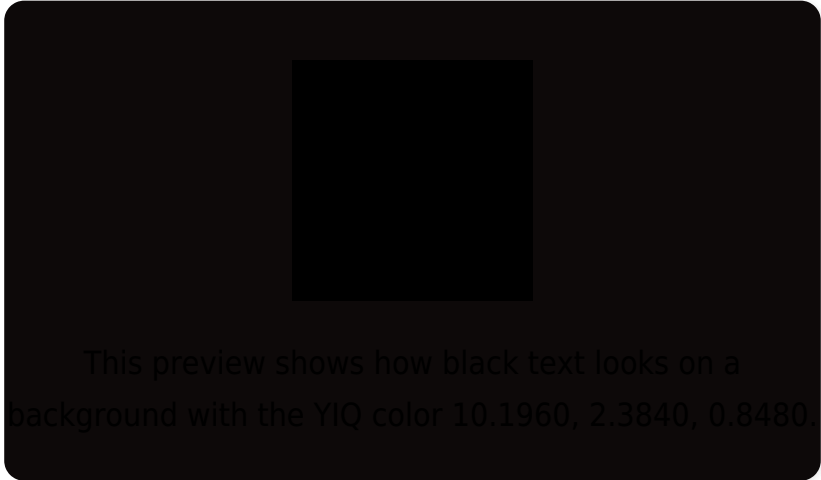
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 10.1960, 2.3840, 0.8480

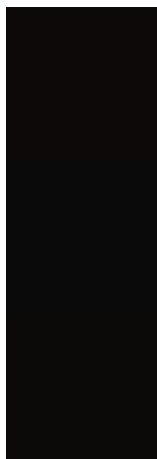
Background



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

10.1960, 2.3840, 0.8480

Protanopia

10.0000, 0.0000, -0.0000

Deuteranopia

10.1850, 0.9170, -0.0990



Tritanopia

10.3100, 2.0630, 1.1590

Trichromacy



Original Color

10.1960, 2.3840, 0.8480

Protanomaly

10.2990, 0.5960, 0.2120

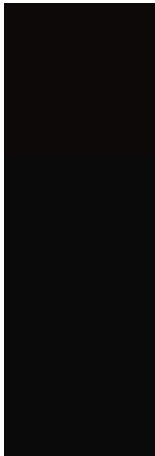
Deuteranomaly

10.4840, 1.5130, 0.1130

Tritanomaly

10.3100, 2.0630, 1.1590

Monochromacy



Original Color

10.1960, 2.3840, 0.8480

Achromatopsia

10.0000, 0.0000, -0.0000

Achromatomaly

10.2990, 0.5960, 0.2120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 10.1960, 2.3840, 0.8480 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(13, 9, 9)` looks like.

```
.text, #text, p{  
    color:rgb(13, 9, 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(13, 9, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 9, 9) }
```

Border

The CSS property to change the border of an element to YIQ 10.1960, 2.3840, 0.8480 is called "border". The border property can be set on classes, ids or directly on the HTML element.

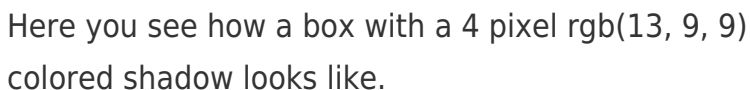
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(13, 9, 9) }
```

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

```
.border{ border-color:rgb(13, 9, 9) }
```

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



Here you see how a box with a 4 pixel `rgb(13, 9, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 9, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(13, 9, 9); box-shadow:4px  
4px 4px 4px rgb(13, 9, 9) }
```


Background

The CSS property to change the background color of an element to YIQ 10.1960, 2.3840, 0.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 9, 9) }
```

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

```
.background{ background-color: rgb(13, 9,  
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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