

Converting Colors

YIQ(11.4770, 3.3910, 10.1350)

Have a look what the booklet for
YIQ(11.4770, 3.3910, 10.1350)
contains.

YIQ(11.4770, 3.3910, 10.1350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(11.4770, 3.3910,
10.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	150419
RGB	21, 4, 25
RGB Percent	8%, 2%, 10%
CMY	0.9176, 0.9843, 0.9020
CMYK	0.16, 0.84, 0.00, 0.90
HSL	289°, 72%, 6%
HSV	289°, 84%, 10%
XYZ	0.5283, 0.3164, 0.9529
YIQ	11.4770, 3.3910, 10.1350

Conversions

Conversions Part 2

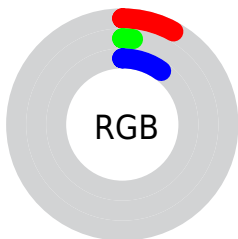
Format	Color
R_{YB}	21, 4, 25
Decimal	1377305
CIE Lab	2.86, 9.32, -8.70
CIE LCh	3, 12.752, 316.974
Yxy	0.3164, 0.2939, 0.1760
Android (android.graphics.Color)	4279567385 (0xFF150419)
YUV	11.4770, 6.6668, 8.3517
Hunter-Lab	5.6253, 6.9210, -6.1056

Details

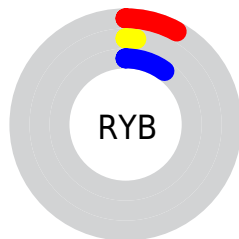
The YIQ color **11.4770, 3.3910, 10.1350** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **17.5230, -3.3910, -10.1350**, and the grayscale version is **11.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **55.9390, 1.9700, 8.3540**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **9.7160, 4.2160, 11.7040**, and if you desaturate by 10%, it is **12.6510, 2.8410, 9.0890**.

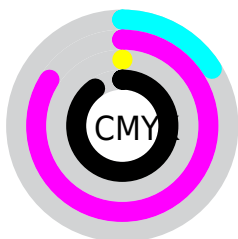
Distribution



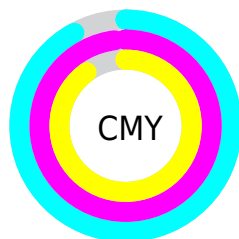
- Red (8%)
- Green (2%)
- Blue (10%)



- Red (8%)
- Yellow (2%)
- Blue (10%)



- Cyan (16%)
- Magenta (84%)
- Yellow (0%)
- Black (90%)



- Cyan (92%)
- Magenta (98%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 11.4770, 3.3910, 10.1350 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 11.4770, 3.3910, 10.1350 by changing the saturation by 10% instead.

■ 11.4770, 3.3910,
10.1350

■ 11.4770, 3.3910,
10.1350

■ 236.2920, 2.4740,
10.2340

■ 0.0000, 0.0000,
0.0000

■ 55.9390, 1.9700,
8.3540

■ 78.9390, 1.9700,
8.3540

■ 103.0530, 1.6490,
8.6650

■ 127.7650, 2.5200,
9.4000

■ 153.8790, 2.1990,
9.7110

■ 180.8790, 2.1990,

9.7110

■ 208.2920, 2.4740,
10.2340

■ 11.4770, 3.3910,
10.1350

■ 11.4770, 3.3910,
10.1350

■ 9.7160, 4.2160,
11.7040

■ 12.6510, 2.8410,
9.0890

■ 8.8300, 3.8950,
12.0150

■ 14.7110, 2.6120,
7.7320

■ 15.8850, 2.0620,
6.6860

■ 17.9450, 1.8330,
5.3290

■ 19.1190, 1.2830,
4.2830

■ 21.1790, 1.0540,
2.9260

■ 22.3530, 0.5040,
1.8800

■ 24.4130, 0.2750,
0.5230

■ 25.5870, -0.2750,
-0.5230

Harmonies

Analogous

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



10.3830, -8.2080, 5.5840



11.4770, 3.3910, 10.1350



11.1960, 11.5520, 10.9120

Triad

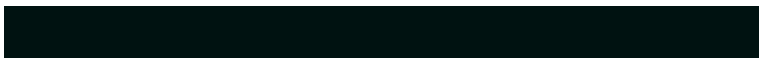
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.4770, 3.3910, 10.1350



10.6760, 9.7200, 0.0560



12.5040, -10.4070, -4.1270

Complementary

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



11.4770, 3.3910, 10.1350



17.5230, -3.3910, -10.1350

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.



10.9080, -5.9130, -8.4810



11.4770, 3.3910, 10.1350



9.4250, 0.0010, -5.5270

Square

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



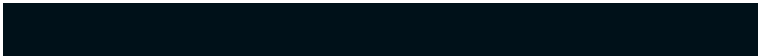
11.4770, 3.3910, 10.1350



10.1330, 15.8630, 4.3670



9.3920, -4.4000, -8.3680



12.8290, -12.7000, -1.1160

Rectangle

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



11.4770, 3.3910, 10.1350



10.0670, 16.2290, 8.7490



9.3920, -4.4000, -8.3680



12.0480, -9.1230, -5.3710

Sweetspot

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



11.4770, 3.3910, 10.1350



28.0050, 1.6040, 3.9720



8.7420, -7.8410, 4.4390



14.1790, 1.0540, 2.9260



145.0000, 0.0000, -0.0000



18.0000, -0.0000, 0.0000

Same Dimension

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



11.4770, 3.3910, 10.1350



11.8350, 5.4990, 15.9870



11.9890, 7.7010, 9.1170



11.8260, 0.5500, 1.0460



27.3160, 12.2350, 37.0910



72.5910, 32.8560, 98.4240

Inverse Universe

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



10.7350, 11.2320, 5.6960



10.5510, 17.7420, 8.8620



17.0110, -7.7010, -9.1170



11.7120, 0.8710, 0.7350



24.7330, 41.0770, 20.9890



65.4420, 109.0650, 55.3770

Previews

White Background



This preview shows how the YIQ color 11.4770, 3.3910, 10.1350 looks on a white background.

Color Contrast Check

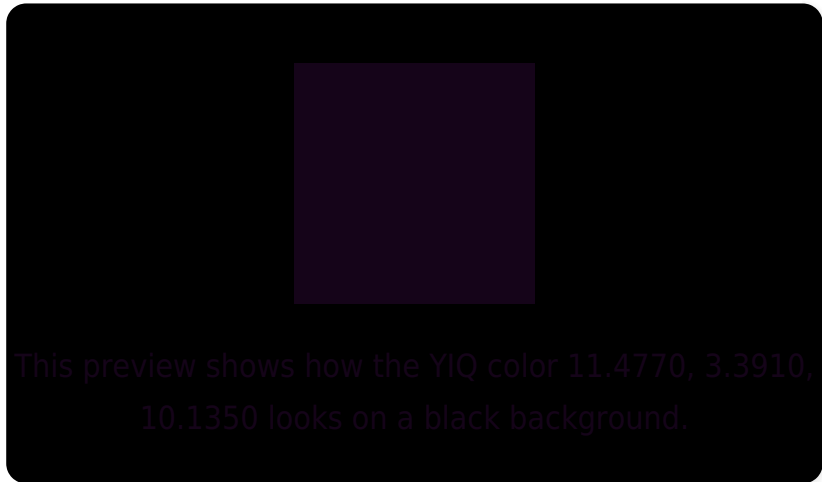
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4770, 3.3910, 10.1350

Background



This preview shows how black text looks on a background with the YIQ color 11.4770, 3.3910, 10.1350.



This preview shows how white text looks on a background with the YIQ color 11.4770, 3.3910,

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

11.4770, 3.3910, 10.1350

Protanopia

10.5950, -11.9210, 1.2870

Deuteranopia

10.2530, -10.9580, 0.3540



Tritanopia

12.8050, 5.0430, 2.2190

Trichromacy



Original Color

11.4770, 3.3910, 10.1350

Protanomaly

11.2260, -6.3280, 4.5520

Deuteranomaly

10.9980, -5.6860, 3.9300

Tritanomaly

12.5000, 4.5840, 5.0320

Monochromacy



Original Color

11.4770, 3.3910, 10.1350

Achromatopsia

11.0000, -0.0000, -0.0000

Achromatomaly

11.0050, 1.6040, 3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 11.4770, 3.3910, 10.1350 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(21, 4, 25)` looks like.

```
.text, #text, p{  
    color:rgb(21, 4, 25)  
}
```

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(21, 4, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 4, 25) }
```

Border

The CSS property to change the border of an element to YIQ 11.4770, 3.3910, 10.1350 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(21, 4, 25) }
```


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

```
.border{ border-color:rgb(21, 4, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 4, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 4, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(21, 4, 25); box-shadow:4px  
4px 4px 4px rgb(21, 4, 25) }
```

Background

The CSS property to change the background color of an element to YIQ 11.4770, 3.3910, 10.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 4, 25) }
```

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

```
.background{ background-color: rgb(21, 4,  
25) }
```

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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