

Converting Colors

YIQ(11.5100, -1.3760, 2.9120)

Have a look what the booklet for
YIQ(11.5100, -1.3760, 2.9120)
contains.

YIQ(11.5100, -1.3760, 2.9120)	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(11.5100, -1.3760,
2.9120)**

Conversions

Conversions Part 1

Format	Color
Hex	0C0A12
RGB	12, 10, 18
RGB Percent	5%, 4%, 7%
CMY	0.9529, 0.9608, 0.9294
CMYK	0.33, 0.44, 0.00, 0.93
HSL	255°, 29%, 5%
HSV	255°, 44%, 7%
XYZ	0.3693, 0.3389, 0.6181
YIQ	11.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

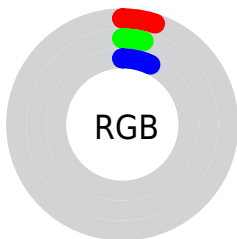
Format	Color
RYB	12, 10, 18
Decimal	789010
CIELab	3.06, 1.93, -3.56
CIElCh	3, 4.054, 298.500
Yxy	0.3389, 0.2785, 0.2555
Android (android.graphics.Color)	4278979090 (0xFF0C0A12)
YUV	11.5100, 3.1996, 0.4297
Hunter-Lab	5.8216, 1.1370, -2.2198

Details

The YIQ color **11.5100, -1.3760, 2.9120** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **16.4900, 1.3760, -2.9120**, and the grayscale version is **11.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **54.9830, -1.3300, 2.0780**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **10.0370, -1.4220, 3.7460**, and if you desaturate by 10%, it is **12.9830, -1.3300, 2.0780**.

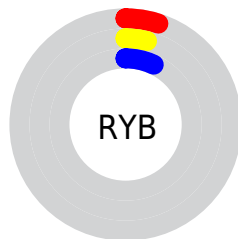
Distribution



Red (5%)

Green (4%)

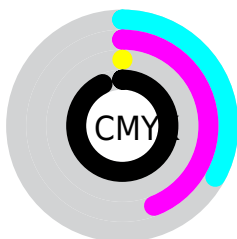
Blue (7%)



Red (5%)

Yellow (4%)

Blue (7%)

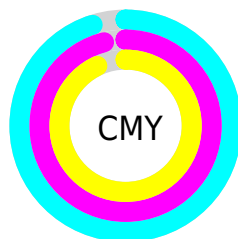


Cyan (33%)

Magenta (44%)

Yellow (0%)

Black (93%)



Cyan (95%)

Magenta (96%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 11.5100, -1.3760, 2.9120 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 11.5100, -1.3760, 2.9120 by changing the saturation by 10% instead.

■ 11.5100, -1.3760,
2.9120

■ 11.5100, -1.3760,
2.9120

■ 235.5100, -1.3760,
2.9120

■ 0.0000, 0.0000,
0.0000

■ 54.9830, -1.3300,
2.0780

■ 77.9830, -1.3300,
2.0780

■ 102.0970, -1.6510,
2.3890

■ 127.0970, -1.6510,
2.3890

■ 153.0970, -1.6510,
2.3890

■ 179.5100, -1.3760,

2.9120

■ 207.5100, -1.3760,
2.9120

■ 11.5100, -1.3760,
2.9120

■ 11.5100, -1.3760,
2.9120

■ 10.0370, -1.4220,
3.7460

■ 12.9830, -1.3300,
2.0780

■ 8.2650, -2.0640,
4.3680

■ 14.7550, -0.6880,
1.4560

■ 7.3790, -2.3850,
4.6790

■ 15.6410, -0.3670,
1.1450

■ 5.9060, -2.4310,
5.5130

■ 17.1140, -0.3210,
0.3110

■ 4.1340, -3.0730,
6.1350

■ 18.8860, 0.3210,
-0.3110

■ 3.5470, -2.7980,
6.6580

■ 20.3590, 0.3670,
-1.1450

■ 21.8320, 0.4130,
-1.9790

■ 23.0170, 1.3300,
-2.0780

■ 24.4900, 1.3760,
-2.9120

Harmonies

Analogous

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



11.0040, -5.8230, 0.9050



11.5100, -1.3760, 2.9120



11.8910, 1.9250, 3.6610

Triad

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



11.5100, -1.3760, 2.9120



11.0070, 7.2900, 0.0420



9.7710, -6.7850, -3.6890

Complementary

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



11.5100, -1.3760, 2.9120



16.4900, 1.3760, -2.9120

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.



9.8100, -2.5210, -3.8730



11.5100, -1.3760, 2.9120



11.0560, 5.5940, -2.2620

Square

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



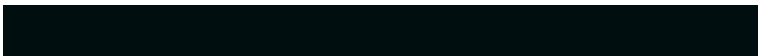
11.5100, -1.3760, 2.9120



11.4740, 7.4730, 2.2330



10.2620, 2.0180, -3.5340



9.9280, -8.6650, -2.6570

Rectangle

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



11.5100, -1.3760, 2.9120



11.5600, 4.3550, 3.6750



10.2620, 2.0180, -3.5340



9.8420, -5.5470, -4.0990

Sweetspot

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



11.5100, -1.3760, 2.9120



20.6410, -0.3670, 1.1450



14.4340, -4.2180, -0.6500



11.2280, -0.6420, 0.6220



140.0000, 0.0000, 0.0000



13.0000, -0.0000, -0.0000

Same Dimension

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



11.5100, -1.3760, 2.9120



13.2650, -2.0640, 4.3680



12.7060, 1.0080, 3.7600



9.1140, -0.3210, 0.3110



14.1170, -12.4300, 27.0420



37.8640, -34.7210, 73.1110

Inverse Universe

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



13.0760, 2.8420, 3.5620



15.6140, 4.2630, 5.3430



15.2940, -1.0080, -3.7600



9.4130, 0.2750, 0.5230



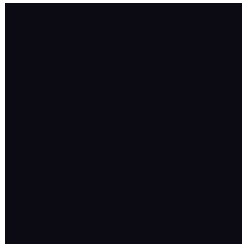
28.3960, 26.4490, 32.7930



77.3130, 71.3250, 89.5730

Previews

White Background



This preview shows how the YIQ color 11.5100, -1.3760, 2.9120 looks on a white background.

Color Contrast Check

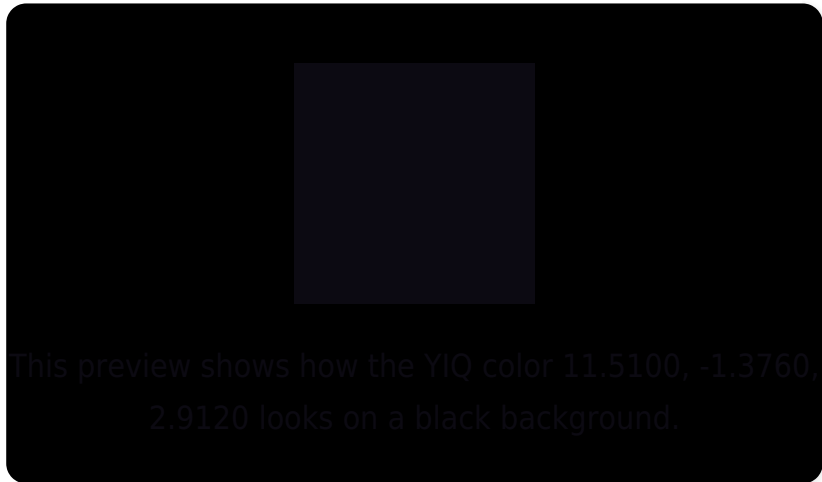
Large Text (above 18pt) WCAG AA ✓ Pass

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

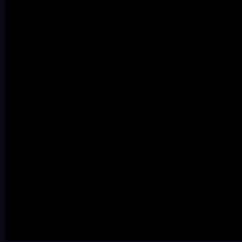
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 11.5100, -1.3760, 2.9120

Background



This preview shows how black text looks on a background with the YIQ color 11.5100, -1.3760, 2.9120.



This preview shows how white text looks on a background with the YIQ color 11.5100, -1.3760, 2.9120.

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

11.5100, -1.3760, 2.9120

Protanopia

11.0150, -4.3560, 1.8520

Deuteranopia

10.9010, -4.0350, 1.5410



Tritanopia

11.1140, -0.3210, 0.3110

Trichromacy



Original Color

11.5100, -1.3760, 2.9120

Protanomaly

11.3140, -3.7600, 2.0640

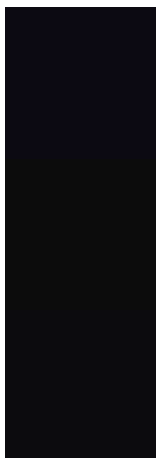
Deuteranomaly

11.2000, -3.4390, 1.7530

Tritanomaly

11.3420, -0.9630, 0.9330

Monochromacy



Original Color

11.5100, -1.3760, 2.9120

Achromatopsia

12.0000, -0.0000, 0.0000

Achromatomaly

11.6410, -0.3670, 1.1450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 11.5100, -1.3760, 2.9120 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(12, 10, 18)` looks like.

```
.text, #text, p{  
    color:rgb(12, 10, 18)  
}
```

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(12, 10, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 10, 18) }
```

Border

The CSS property to change the border of an element to YIQ 11.5100, -1.3760, 2.9120 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(12, 10, 18) }
```


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

```
.border{ border-color:rgb(12, 10, 18) }
```

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

Here you see how a box with a 4 pixel rgb(12, 10, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 10, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 10, 18);  
box-shadow:4px 4px 4px 4px rgb(12, 10, 18)  
}
```

Background

The CSS property to change the background color of an element to YIQ 11.5100, -1.3760, 2.9120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 10, 18) }
```

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

```
.background{ background-color: rgb(12, 10,  
18) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor