

Converting Colors

YIQ(11.9440, 3.5740, 12.3260)

Have a look what the booklet for
YIQ(11.9440, 3.5740, 12.3260)
contains.

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Color

**YIQ(11.9440, 3.5740,
12.3260)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 17031D |
| RGB | 23, 3, 29 |
| RGB Percent | 9%, 1%, 11% |
| CMY | 0.9097, 0.9883, 0.8863 |
| CMYK | 0.21, 0.90, 0.00, 0.89 |
| HSL | 286°, 81%, 6% |
| HSV | 286°, 90%, 11% |
| XYZ | 0.6079, 0.3360, 1.1951 |
| YIQ | 11.9440, 3.5740, 12.3260 |

Conversions

Conversions Part 2

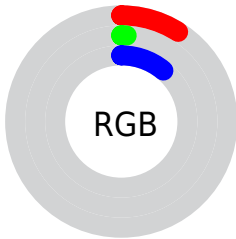
| Format | Color |
|-------------------------------------|--|
| RYB | 23, 3, 29 |
| Decimal | 1508125 |
| CIELab | 3.04, 11.82, -11.63 |
| CIElCh | 3, 16.582, 315.473 |
| Yxy | 0.3360, 0.2842, 0.1571 |
| Android (android.graphics.Color) | 4279698205 (0xFF17031D) |
| YUV | 11.9440, 8.4086, 9.6961 |
| Hunter-Lab | 5.7965, 8.5775, -8.1667 |

Details

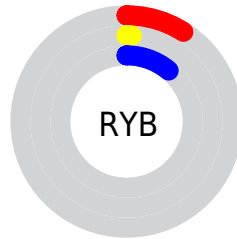
The YIQ color **11.9440, 3.5740, 12.3260** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **20.0560, -3.5740, -12.3260**, and the grayscale version is **12.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **56.1070, 1.5570, 10.3330**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **9.8840, 3.8030, 13.6830**, and if you desaturate by 10%, it is **14.0040, 3.3450, 10.9690**.

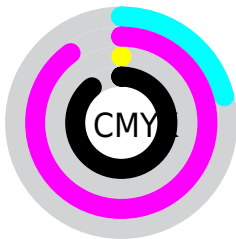
Distribution



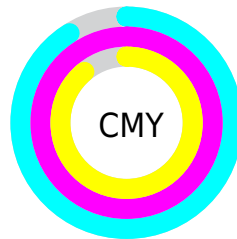
- Red (9%)
- Green (1%)
- Blue (11%)



- Red (9%)
- Yellow (1%)
- Blue (11%)



- Cyan (21%)
- Magenta (90%)
- Yellow (0%)
- Black (89%)



- Cyan (91%)
- Magenta (99%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 11.9440, 3.5740, 12.3260 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 11.9440, 3.5740, 12.3260 by changing the saturation by 10% instead.

■ 11.9440, 3.5740,
12.3260

■ 11.9440, 3.5740,
12.3260

■ 237.0580, 3.2530,
12.6370

■ 0.0000, 0.0000,
0.0000

■ 56.1070, 1.5570,
10.3330

■ 79.5200, 1.8320,
10.8560

■ 103.9330, 2.1070,
11.3790


■ 129.0470, 1.7860,
11.6900

■ 154.4600, 2.0610,
12.2130


■ 181.8730, 2.3360,

12.7360


 209.2860, 2.6110,
13.2590


 11.9440, 3.5740,
12.3260


 11.9440, 3.5740,
12.3260


 9.8840, 3.8030,
13.6830

 14.0040, 3.3450,
10.9690

 15.7650, 2.5200,
9.4000

 17.8250, 2.2910,
8.0430

 19.8850, 2.0620,
6.6860

 21.0590, 1.5120,
5.6400

■ 23.1190, 1.2830,
4.2830

■ 25.1790, 1.0540,
2.9260

■ 26.9400, 0.2290,
1.3570

■ 29.0000, -0.0000,
0.0000

Harmonies

Analogous

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



10.0560, -11.6010, 6.5030



11.9440, 3.5740, 12.3260



11.7340, 12.9730, 12.6930

Triad

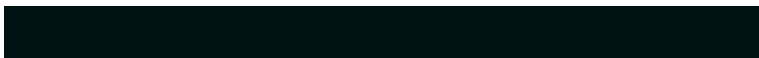
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.9440, 3.5740, 12.3260



10.9860, 11.7830, 1.2150



13.3190, -11.3240, -4.0280

Complementary

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



11.9440, 3.5740, 12.3260



20.0560, -3.5740, -12.3260

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.



11.1530, -5.2250, -9.9370



11.9440, 3.5740, 12.3260



10.0120, -0.2740, -6.0500

Square

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



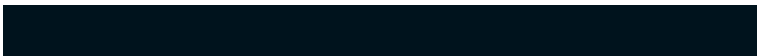
11.9440, 3.5740, 12.3260



10.7420, 18.5220, 5.7380



10.5660, -4.9500, -9.4140



14.4590, -14.5340, -0.9180

Rectangle

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



11.9440, 3.5740, 12.3260



11.3770, 18.2920, 9.9080



10.5660, -4.9500, -9.4140



12.7490, -9.7190, -5.5830

Sweetspot

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



11.9440, 3.5740, 12.3260



31.5320, 1.5580, 4.8060



9.4860, -9.9960, 4.9480



16.1790, 1.0540, 2.9260



148.0000, -0.0000, 0.0000



20.0000, 0.0000, -0.0000

Same Dimension

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



11.9440, 3.5740, 12.3260



13.0030, 5.0860, 17.9660



12.9400, 9.3970, 11.4210



14.4130, 0.2750, 0.5230



27.2450, 10.9970, 37.5010



71.1390, 28.3170, 98.0850

Inverse Universe

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



11.4580, 13.5700, 7.3780



12.3880, 19.7590, 10.8550



19.0600, -9.3970, -11.4210



14.2990, 0.5960, 0.2120



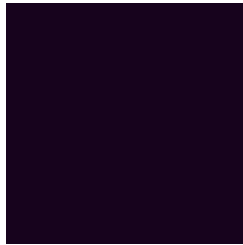
25.6730, 41.3060, 22.3460



67.3650, 107.9640, 58.8120

Previews

White Background



This preview shows how the YIQ color 11.9440, 3.5740, 12.3260 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 11.9440, 3.5740, 12.3260

Background



This preview shows how black text looks on a background with the YIQ color 11.9440, 3.5740, 12.3260.



This preview shows how white text looks on a background with the YIQ color 11.9440, 3.5740,

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

11.9440, 3.5740, 12.3260

Protanopia

11.5240, -13.1590, 1.6970

Deuteranopia

11.6550, -12.1500, -0.0700



Tritanopia

14.6910, 5.3640, 1.9080

Trichromacy



Original Color

11.9440, 3.5740, 12.3260

Protanomaly

11.5680, -7.2910, 5.4850

Deuteranomaly

11.8130, -6.6030, 4.0290

Tritanomaly

13.9130, 4.8590, 5.5550

Monochromacy



Original Color

11.9440, 3.5740, 12.3260

Achromatopsia

12.0000, -0.0000, 0.0000

Achromatomaly

12.1190, 1.2830, 4.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 11.9440, 3.5740, 12.3260 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(23, 3, 29)` looks like.

```
.text, #text, p{  
    color:rgb(23, 3, 29)  
}
```

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(23, 3, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 3, 29) }
```

Border

The CSS property to change the border of an element to YIQ 11.9440, 3.5740, 12.3260 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(23, 3, 29) }
```


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

```
.border{ border-color:rgb(23, 3, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 3, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 3, 29); -webkit-box-shadow:4px  
4px 4px 4px rgb(23, 3, 29); box-shadow:4px  
4px 4px 4px rgb(23, 3, 29) }
```

Background

The CSS property to change the background color of an element to YIQ 11.9440, 3.5740, 12.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 3, 29) }
```

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

```
.background{ background-color: rgb(23, 3,  
29) }
```

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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