

Converting Colors

YIQ(13.3600, -1.3740, -8.1420)

Have a look what the booklet for
YIQ(13.3600, -1.3740, -8.1420)
contains.

YIQ(13.3600, -1.3740, -8.1420)	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(13.3600, -1.3740,
-8.1420)**

Conversions

Conversions Part 1

Format	Color
Hex	071301
RGB	7, 19, 1
RGB Percent	3%, 7%, 0%
CMY	0.9726, 0.9255, 0.9961
CMYK	0.63, 0.00, 0.95, 0.93
HSL	100°, 90%, 4%
HSV	100°, 95%, 7%
XYZ	0.3259, 0.5132, 0.1107
YIQ	13.3600, -1.3740, -8.1420

Conversions

Conversions Part 2

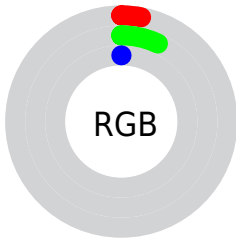
Format	Color
RYB	1, 19, 13
Decimal	463617
CIELab	4.64, -6.63, 6.41
CIElCh	5, 9.222, 135.967
Yxy	0.5132, 0.3432, 0.5403
Android (android.graphics.Color)	4278653697 (0xFF071301)
YUV	13.3600, -6.0935, -5.5777
Hunter-Lab	7.1639, -4.4155, 4.0989

Details

The YIQ color **13.3600, -1.3740, -8.1420** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **6.6400, 1.3740, 8.1420**, and the grayscale version is **13.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **56.9410, -1.5120, -5.6400**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **12.9470, -1.6490, -8.6650**, and if you desaturate by 10%, it is **13.8870, -1.4200, -7.3080**.

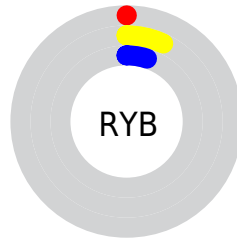
Distribution



Red (3%)

Green (7%)

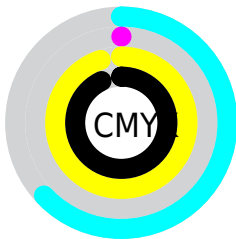
Blue (0%)



Red (0%)

Yellow (7%)

Blue (5%)

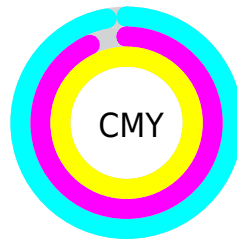


Cyan (63%)

Magenta (0%)

Yellow (95%)

Black (93%)



Cyan (97%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 13.3600, -1.3740, -8.1420 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 13.3600, -1.3740, -8.1420 by changing the saturation by 10% instead.

■ 13.3600, -1.3740,
-8.1420

■ 13.3600, -1.3740,
-8.1420

■ 237.8870, -1.4200,
-7.3080

■ 0.0000, 0.0000,
0.0000

■ 56.9410, -1.5120,
-5.6400

■ 79.8270, -1.1910,
-5.9510

■ 104.4140, -1.4660,
-6.4740

■ 129.0010, -1.7410,
-6.9970

■ 155.0010, -1.7410,
-6.9970

■ 182.0010, -1.7410,

-6.9970

■ 209.5880, -2.0160,
-7.5200

■ 13.3600, -1.3740,
-8.1420

■ 13.3600, -1.3740,
-8.1420

■ 12.9470, -1.6490,
-8.6650

■ 13.8870, -1.4200,
-7.3080

■ 14.7130, -0.8700,
-6.2620

■ 15.2400, -0.9160,
-5.4280

■ 15.7670, -0.9620,
-4.5940

■ 16.2940, -1.0080,
-3.7600

■ 17.0060, -0.1370,
-3.0250

■ 17.5330, -0.1830,
-2.1910

■ 18.0600, -0.2290,
-1.3570

■ 18.5870, -0.2750,
-0.5230

Harmonies

Analogous

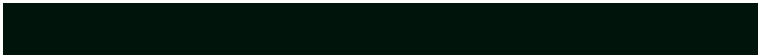
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15.3610, 6.0530, -5.0750



13.3600, -1.3740, -8.1420



12.9940, -9.0310, -7.0390

Triad

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



13.3600, -1.3740, -8.1420



14.0570, -13.3420, -0.4940



16.0940, 11.5990, 4.5510

Complementary

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



13.3600, -1.3740, -8.1420



6.6400, 1.3740, 8.1420

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.



16.5220, 7.5180, 6.9260



13.3600, -1.3740, -8.1420



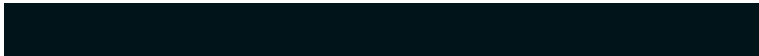
15.8840, -5.3650, 3.6190

Square

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



13.3600, -1.3740, -8.1420



14.5900, -13.5250, -2.6850



16.4720, 1.7870, 6.1630



15.2420, 13.9380, 0.7060

Rectangle

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



13.3600, -1.3740, -8.1420



14.2650, -11.2320, -5.6960



16.4720, 1.7870, 6.1630



16.4360, 10.6360, 5.4840

Sweetspot

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



13.3600, -1.3740, -8.1420



23.5930, -0.4120, -3.5480



13.4260, 7.4280, -2.4600



11.5330, -0.1830, -2.1910



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.



13.3600, -1.3740, -8.1420



17.6540, -2.3820, -11.9020



11.9080, -5.9130, -8.4810



9.8860, 0.3210, -0.3110



50.9130, -5.4500, -33.4020



138.0200, -15.3430, -90.9190

Inverse Universe

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



6.6400, 1.3740, 8.1420



8.0470, 1.7860, 11.6900



8.0920, 5.9130, 8.4810



9.4130, 0.2750, 0.5230



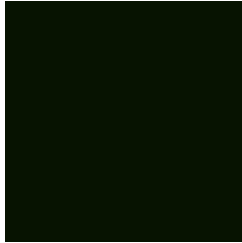
23.0870, 5.4500, 33.4020



62.9800, 15.3430, 90.9190

Previews

White Background



This preview shows how the YIQ color 13.3600, -1.3740, -8.1420 looks on a white background.

Color Contrast Check

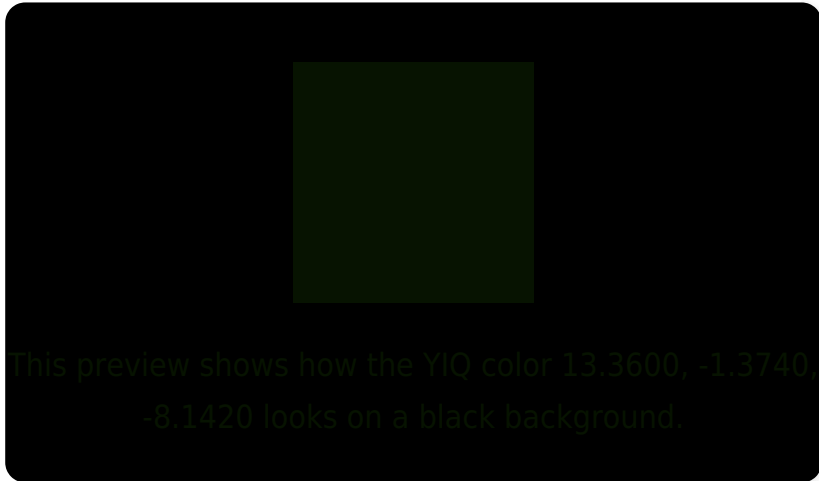
Large Text (above 18pt) WCAG AA ✓ Pass

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

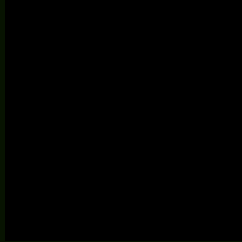
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 13.3600, -1.3740, -8.1420

Background



This preview shows how black text looks on a background with the YIQ color 13.3600, -1.3740, -8.1420.



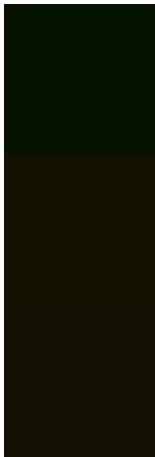
This preview shows how white text looks on a background with the YIQ color 13.3600, -1.3740, -8.1420.

-8.1420.

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

13.3600, -1.3740, -8.1420

Protanopia

15.6600, 6.6490, -4.8630

Deuteranopia

16.1270, 6.8320, -2.6720



Tritanopia

15.7220, -5.0890, -1.3850

Trichromacy



Original Color

13.3600, -1.3740, -8.1420

Protanomaly

15.0510, 3.9900, -6.2340

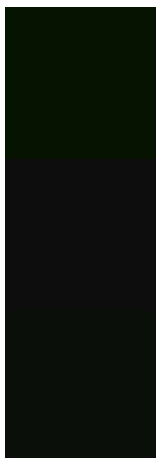
Deuteranomaly

15.1050, 3.8980, -4.5660

Tritanomaly

14.6250, -3.4380, -3.7740

Monochromacy



Original Color

13.3600, -1.3740, -8.1420

Achromatopsia

13.0000, -0.0000, -0.0000

Achromatomaly

13.1200, -0.4580, -2.7140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 13.3600, -1.3740, -8.1420 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(7, 19, 1)` looks like.

```
.text, #text, p{  
    color:rgb(7, 19, 1)  
}
```

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(7, 19, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 19, 1) }
```

Border

The CSS property to change the border of an element to YIQ 13.3600, -1.3740, -8.1420 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(7, 19, 1) }
```


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

```
.border{ border-color:rgb(7, 19, 1) }
```

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

Here you see how a box with a 4 pixel rgb(7, 19, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 19, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 19, 1); box-shadow:4px  
4px 4px 4px rgb(7, 19, 1) }
```

Background

The CSS property to change the background color of an element to YIQ 13.3600, -1.3740, -8.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 19, 1) }
```

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

```
.background{ background-color: rgb(7, 19,  
1) }
```

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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