

Converting Colors

YIQ(75.8920, -8.9840, -13.4000)

Have a look what the booklet for
YIQ(75.8920, -8.9840, -13.4000)
contains.

YIQ(75.8920, -8.9840, -13.4000)	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(75.8920, -8.9840,
-13.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	3B573F
RGB	59, 87, 63
RGB Percent	23%, 34%, 25%
CMY	0.7687, 0.6588, 0.7530
CMYK	0.32, 0.00, 0.28, 0.66
HSL	129°, 19%, 29%
HSV	129°, 32%, 34%
XYZ	6.1086, 8.1063, 5.9447
YIQ	75.8920, -8.9840, -13.4000

Conversions

Conversions Part 2

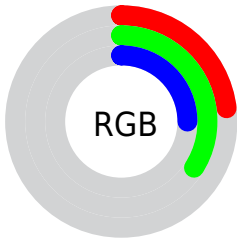
Format	Color
RYB	59, 84, 87
Decimal	3888959
CIELab	34.20, -16.11, 10.68
CIELCh	34, 19.334, 146.452
Yxy	8.1063, 0.3030, 0.4021
Android (android.graphics.Color)	4282079039 (0xFF3B573F)
YUV	75.8920, -6.3558, -14.8143
Hunter-Lab	28.4715, -11.5277, 7.5507

Details

The YIQ color **75.8920, -8.9840, -13.4000** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **70.1080, 8.9840, 13.4000**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.0660, -9.5340, -14.4460**, and **30.8320, -8.7550, -12.0430** is the 20% darker color. If you saturate the color by 10%, you get **72.4030, -12.1010, -17.4850**, and if you desaturate by 10%, it is **79.3810, -5.8670, -9.3150**.

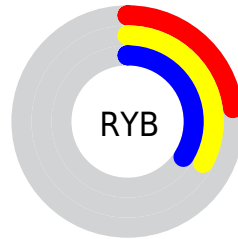
Distribution



Red (23%)

Green (34%)

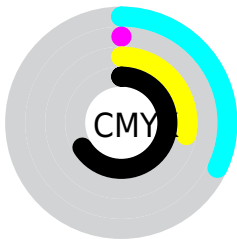
Blue (25%)



Red (23%)

Yellow (33%)

Blue (34%)

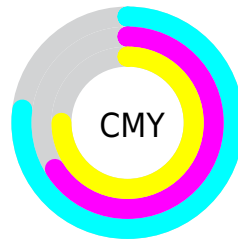


Cyan (32%)

Magenta (0%)

Yellow (28%)

Black (66%)



Cyan (77%)

Magenta (66%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.8920, -8.9840, -13.4000 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 75.8920, -8.9840, -13.4000 by changing the saturation by 10% instead.

■ 75.8920, -8.9840,
-13.4000

■ 75.8920, -8.9840,
-13.4000

■ 255.0000, -0.0000,
-0.0000

■ 53.0060, -9.3050,
-13.0890

■ 125.0660, -9.5340,
-14.4460

■ 30.8320, -8.7550,
-12.0430

■ 150.9520, -9.2130,
-14.7570

■ 12.9140, -6.0500,
-11.5060

■ 177.5390, -9.4880,
-15.2800

■ 0.0000, 0.0000,
0.0000

■ 205.1260, -9.7630,
-15.8030

■ 233.7130,
-10.0380, -16.3260

■ 250.0870, -4.8590,

-5.5550

■ 75.8920, -8.9840,
-13.4000

■ 75.8920, -8.9840,
-13.4000

■ 72.4030, -12.1010,
-17.4850

■ 79.3810, -5.8670,
-9.3150

■ 69.0990, -14.3010,
-21.6690

■ 82.6850, -3.6670,
-5.1310

■ 65.6100, -17.4180,
-25.7540

■ 86.1740, -0.5500,
-1.0460

■ 62.0070, -20.2140,
-30.1500

■ 89.7770, 2.2460,
3.3500

■ 58.5180, -23.3310,
-34.2350

■ 92.9670, 4.7670,
7.2230

■ 55.2140, -25.5310,
-38.4190

■ 96.5700, 7.5630,
11.6190

■ 52.4370, -27.7770,
-41.7690

■ 100.0590, 10.6800,
15.7040

■ 103.6620, 13.4760,
20.1000

■ 106.8520, 15.9970,
23.9730

Harmonies

Analogous

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



78.3730, 5.7790, -11.1250



75.8920, -8.9840, -13.4000



73.3940, -25.0770, -13.5970

Triad

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



75.8920, -8.9840, -13.4000



77.8310, -24.2090, 3.7190



82.0310, 25.0780, 8.0700

Complementary

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



75.8920, -8.9840, -13.4000



70.1080, 8.9840, 13.4000

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.



82.5560, 19.3460, 12.8340



75.8920, -8.9840, -13.4000



81.4310, -8.1630, 10.2770

Square

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



75.8920, -8.9840, -13.4000



73.0310, -36.8160, -4.5920



82.7380, 7.1500, 13.5980



81.1030, 24.5750, 0.6630

Rectangle

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



75.8920, -8.9840, -13.4000



71.3590, -35.1640, -12.5080



82.7380, 7.1500, 13.5980



81.9000, 24.0690, 9.8370

Sweetspot

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



75.8920, -8.9840, -13.4000



107.6850, -3.6670, -5.1310



82.6120, 6.6040, -9.5560



53.2230, -2.2460, -3.3500



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



75.8920, -8.9840, -13.4000



94.6260, -14.3470, -20.8350



77.4880, -13.4780, -9.0460



41.4620, -1.4210, -1.7810



64.5190, -34.2400, -51.2960



141.8210, -75.5390, -112.3310

Inverse Universe

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



70.1080, 8.9840, 13.4000



85.4880, 14.0260, 21.1460



68.5120, 13.4780, 9.0460



40.6520, 1.1000, 2.0920



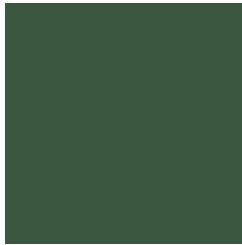
42.4810, 34.2400, 51.2960



93.1790, 75.5390, 112.3310

Previews

White Background



This preview shows how the YIQ color 75.8920, -8.9840, -13.4000 looks on a white background.

Color Contrast Check

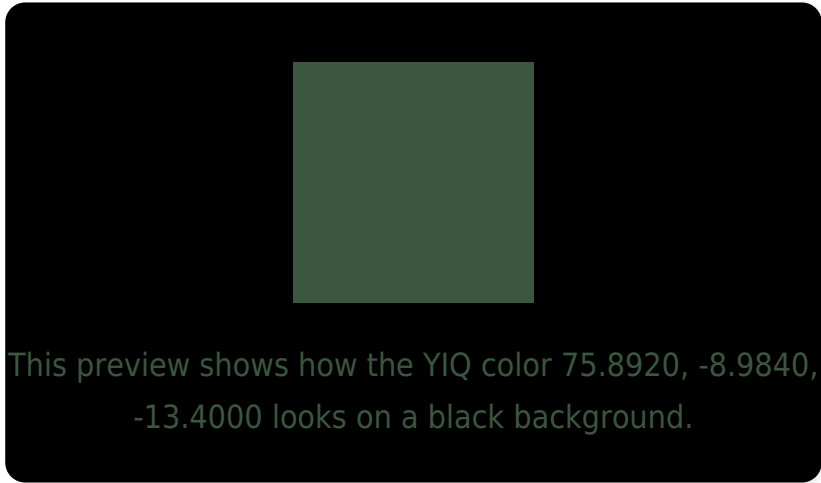
Large Text (above 18pt) WCAG AA ✓ Pass

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

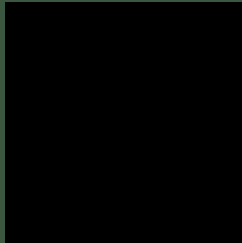
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.8920, -8.9840, -13.4000

Background



This preview shows how black text looks on a background with the YIQ color 75.8920, -8.9840, -13.4000.



This preview shows how white text looks on a background with the YIQ color 75.8920, -8.9840,

-13.4000.

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

75.8920, -8.9840, -13.4000

Protanopia

79.5140, 9.9960, -4.9480

Deuteranopia

80.4160, 13.3880, -0.3400



Tritanopia

78.1170, -13.5710, -1.8510

Trichromacy



Original Color

75.8920, -8.9840, -13.4000

Protanomaly

78.3990, 2.8900, -8.3260

Deuteranomaly

79.0620, 5.4570, -5.2870

Tritanomaly

76.9660, -11.8280, -5.9080

Monochromacy



Original Color

75.8920, -8.9840, -13.4000

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.9840, -3.0710, -4.9190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.8920, -8.9840, -13.4000 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(59, 87, 63)` looks like.

```
.text, #text, p{  
    color:rgb(59, 87, 63)  
}
```

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(59, 87, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 87, 63) }
```

Border

The CSS property to change the border of an element to YIQ 75.8920, -8.9840, -13.4000 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(59, 87, 63) }
```


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

```
.border{ border-color:rgb(59, 87, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 87, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 87, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 87, 63);  
box-shadow:4px 4px 4px 4px rgb(59, 87, 63)  
}
```

Background

The CSS property to change the background color of an element to YIQ 75.8920, -8.9840, -13.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 87, 63) }
```

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

```
.background{ background-color: rgb(59, 87,  
63) }
```

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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