

Converting Colors

YIQ(77.1080, 8.9840, 13.4000)

Have a look what the booklet for
YIQ(77.1080, 8.9840, 13.4000)
contains.

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Color

**YIQ(77.1080, 8.9840,
13.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	5E425A
RGB	94, 66, 90
RGB Percent	37%, 26%, 35%
CMY	0.6313, 0.7412, 0.6470
CMYK	0.00, 0.30, 0.04, 0.63
HSL	309°, 18%, 31%
HSV	309°, 30%, 37%
XYZ	8.4114, 7.0141, 10.5844
YIQ	77.1080, 8.9840, 13.4000

Conversions

Conversions Part 2

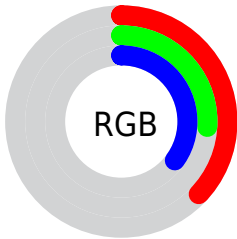
Format	Color
R_{YB}	94, 66, 90
Decimal	6177370
CIE Lab	31.84, 16.61, -9.48
CIE LCh	32, 19.127, 330.293
Yxy	7.0141, 0.3234, 0.2697
Android (android.graphics.Color)	4284367450 (0xFF5E425A)
YUV	77.1080, 6.3558, 14.8143
Hunter-Lab	26.4842, 10.3446, -5.1563

Details

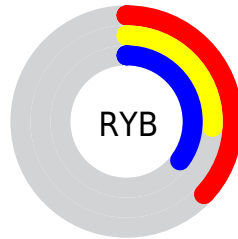
The YIQ color **77.1080, 8.9840, 13.4000** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **82.8920, -8.9840, -13.4000**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.2330, 10.1300, 14.6580**, and **31.9830, 7.8380, 12.1420** is the 20% darker color. If you saturate the color by 10%, you get **71.7110, 11.7800, 17.7960**, and if you desaturate by 10%, it is **82.5050, 6.1880, 9.0040**.

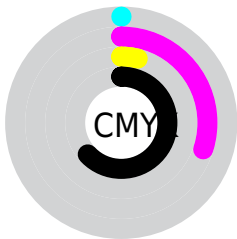
Distribution



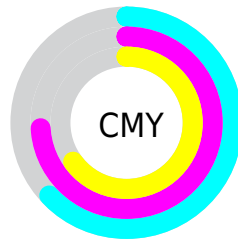
- Red (37%)
- Green (26%)
- Blue (35%)



- Red (37%)
- Yellow (26%)
- Blue (35%)



- Cyan (0%)
- Magenta (30%)
- Yellow (4%)
- Black (63%)



- Cyan (63%)
- Magenta (74%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.1080, 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 77.1080, 8.9840, 13.4000 by changing the saturation by 10% instead.

■ 77.1080, 8.9840,
13.4000

■ 77.1080, 8.9840,
13.4000

■ 255.0000, -0.0000,
-0.0000

■ 54.3960, 8.1130,
12.6650

■ 126.2330, 10.1300,
14.6580

■ 31.9830, 7.8380,
12.1420

■ 152.5320, 10.7260,
14.8700

■ 11.1080, 8.9840,
13.4000

■ 179.0590, 10.6800,
15.7040

■ 0.0000, 0.0000,
0.0000

■ 207.0590, 10.6800,
15.7040

■ 235.0590, 10.6800,
15.7040

■ 252.0650, 1.3750,

2.6150

■ 77.1080, 8.9840,
13.4000

■ 77.1080, 8.9840,
13.4000

■ 71.7110, 11.7800,
17.7960

■ 82.5050, 6.1880,
9.0040

■ 65.6130, 15.1720,
22.4040

■ 88.6030, 2.7960,
4.3960

■ 60.2160, 17.9680,
26.8000

■ 94.0000, 0.0000,
0.0000

■ 54.2320, 21.0390,
31.7190

■ 99.9840, -3.0710,
-4.9190

■ 48.7210, 24.1560,
35.8040

■ 105.4950, -6.1880,
-9.0040

■ 43.3240, 26.9520,
40.2000

■ 110.8920, -8.9840,
-13.4000

■ 37.3400, 30.0230,
45.1190

■ 116.8760,
-12.0550, -18.3190

■ 122.3870,
-15.1720, -22.4040

■ 128.3710,
-18.2430, -27.3230

Harmonies

Analogous

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



76.2140, -6.0540, 10.6020



77.1080, 8.9840, 13.4000



76.3280, 19.9880, 12.2120

Triad

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



77.1080, 8.9840, 13.4000



73.9830, 15.8650, -6.6870



65.2600, -39.1990, -10.9670

Complementary

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



77.1080, 8.9840, 13.4000



82.8920, -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.



67.1380, -27.2320, -13.0880



77.1080, 8.9840, 13.4000



72.5900, 3.6700, -11.4500

Square

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



77.1080, 8.9840, 13.4000



75.0920, 23.1080, -0.2840



70.2230, -11.4140, -13.4140



67.7430, -35.9450, -3.8570

Rectangle

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



77.1080, 8.9840, 13.4000



76.3730, 24.1150, 9.0030



70.2230, -11.4140, -13.4140



65.2880, -36.4020, -12.0980

Sweetspot

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



77.1080, 8.9840, 13.4000



115.4290, 3.3460, 5.4420



70.3880, -6.6040, 9.5560



56.7770, 2.2460, 3.3500



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



77.1080, 8.9840, 13.4000



95.4880, 14.0260, 21.1460



75.5120, 13.4780, 9.0460



42.9510, 1.6960, 2.3040



43.6060, 35.3860, 52.5540



94.0050, 76.0890, 113.3770

Inverse Universe

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



77.1080, 8.9840, 13.4000



95.4880, 14.0260, 21.1460



84.4880, -13.4780, -9.0460



42.9510, 1.6960, 2.3040



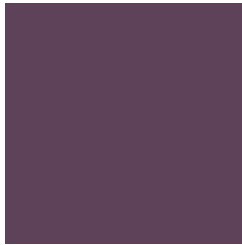
43.6060, 35.3860, 52.5540



94.0050, 76.0890, 113.3770

Previews

White Background



This preview shows how the YIQ color 77.1080, 8.9840, 13.4000 looks on a white background.

Color Contrast Check

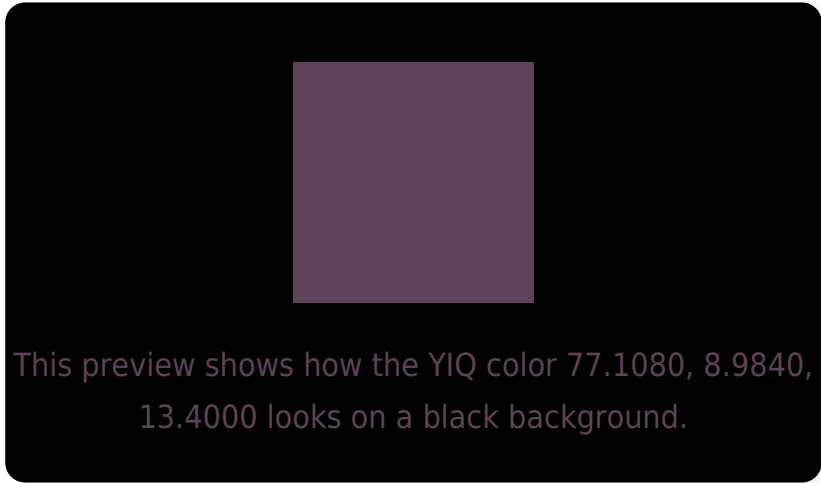
Large Text (above 18pt) WCAG AA ✓ Pass

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

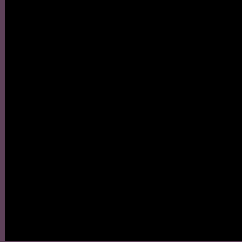
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.1080, 8.9840, 13.4000

Background



This preview shows how black text looks on a background with the YIQ color 77.1080, 8.9840, 13.4000.



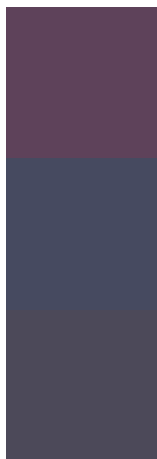
This preview shows how white text looks on a background with the YIQ color 77.1080, 8.9840,

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

77.1080, 8.9840, 13.4000

Protanopia

75.3120, -9.4460, 5.9940

Deuteranopia

75.7210, -3.3480, 5.6120



Tritanopia

76.4470, 12.1030, 6.4310

Trichromacy



Original Color

77.1080, 8.9840, 13.4000

Protanomaly

76.0140, -2.6150, 8.8490

Deuteranomaly

76.0530, 1.6490, 8.6650

Tritanomaly

76.8430, 11.0480, 9.0320

Monochromacy



Original Color

77.1080, 8.9840, 13.4000

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.0160, 3.0710, 4.9190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.1080, 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(94, 66, 90) looks like.

```
.text, #text, p{  
    color:rgb(94, 66, 90)  
}
```

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(94, 66, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 66, 90) }
```

Border

The CSS property to change the border of an element to YIQ 77.1080, 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(94, 66, 90) }
```


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

```
.border{ border-color:rgb(94, 66, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 66, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 66, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 66, 90);  
box-shadow:4px 4px 4px 4px rgb(94, 66, 90)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.1080, 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(94, 66, 90) }
```

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

```
.background{ background-color: rgb(94, 66,  
90) }
```

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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