

Converting Colors

YIQ(127.0730, 6.9240, -4.3400)

Have a look what the booklet for
YIQ(127.0730, 6.9240, -4.3400)
contains.

YIQ(127.0730, 6.9240, -4.3400)	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(127.0730, 6.9240,
-4.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	838070
RGB	131, 128, 112
RGB Percent	51%, 50%, 44%
CMY	0.4863, 0.4980, 0.5607
CMYK	0.00, 0.02, 0.14, 0.49
HSL	51°, 8%, 48%
HSV	51°, 14%, 51%
XYZ	20.0042, 21.4333, 18.4149
YIQ	127.0730, 6.9240, -4.3400

Conversions

Conversions Part 2

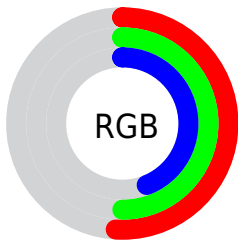
Format	Color
R_{YB}	116, 131, 112
Decimal	8618096
CIE Lab	53.42, -1.81, 9.09
CIE LCh	53, 9.266, 101.268
Yxy	21.4333, 0.3342, 0.3581
Android (android.graphics.Color)	4286808176 (0xFF838070)
YUV	127.0730, -7.4310, 3.4440
Hunter-Lab	46.2961, -3.8899, 8.8239

Details

The YIQ color **127.0730, 6.9240, -4.3400** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **115.9270, -6.9240, 4.3400**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.9590, 7.2450, -4.6510**, and **78.1870, 6.6030, -4.0290** is the 20% darker color. If you saturate the color by 10%, you get **124.4170, 11.6470, -7.3370**, and if you desaturate by 10%, it is **129.7290, 2.2010, -1.3430**.

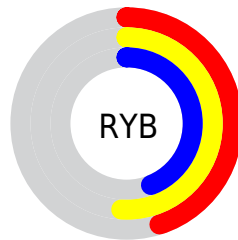
Distribution



Red (51%)

Green (50%)

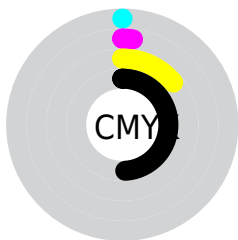
Blue (44%)



Red (45%)

Yellow (51%)

Blue (44%)

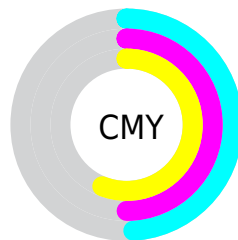


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (49%)



Cyan (49%)

Magenta (50%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.0730, 6.9240, -4.3400 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 127.0730, 6.9240, -4.3400 by changing the saturation by 10% instead.

■ 127.0730, 6.9240,
-4.3400

■ 127.0730, 6.9240,
-4.3400

■ 255.0000, -0.0000,
-0.0000

■ 102.1870, 6.6030,
-4.0290

■ 179.9590, 7.2450,
-4.6510

■ 78.1870, 6.6030,
-4.0290

■ 207.2580, 7.8410,
-4.4390

■ 55.0020, 5.6860,
-3.9300

■ 235.8450, 7.5660,
-4.9620

■ 34.1160, 5.3650,
-3.6190

■ 254.0880, 2.5680,
-2.4880

■ 11.8170, 4.7690,
-3.8310

■ 0.0000, 0.0000,
0.0000

■ 127.0730, 6.9240,
-4.3400

■ 127.0730, 6.9240,
-4.3400

■ 124.4170, 11.6470,
-7.3370

■ 129.7290, 2.2010,
-1.3430

■ 121.7610, 16.3700,
-10.3340

■ 132.3850, -2.5220,
1.6540

■ 119.1050, 21.0930,
-13.3310

■ 135.0410, -7.2450,
4.6510

■ 116.4490, 25.8160,
-16.3280

■ 137.6970,
-11.9680, 7.6480

■ 113.7930, 30.5390,
-19.3250

■ 140.4670,
-17.0120, 10.9560

■ 111.0230, 35.5830,
-22.6330

■ 143.1230,
-21.7350, 13.9530

■ 108.3670, 40.3060,
-25.6300

■ 145.7790,
-26.4580, 16.9500

■ 105.1240, 45.3040,

■ 149.0220,

-28.1040

-31.4560, 19.4240

■ 103.7390, 47.8260,
-29.7580

■ 151.6780,
-36.1790, 22.4210

Harmonies

Analogous

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



127.8180, 12.1960, -0.7640



127.0730, 6.9240, -4.3400



125.8980, 0.0470, -6.3610

Triad

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



127.0730, 6.9240, -4.3400



125.5080, -16.2300, -3.2220



129.5220, 7.5180, 6.9260

Complementary

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



127.0730, 6.9240, -4.3400



115.9270, -6.9240, 4.3400

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.



129.1020, -0.0470, 6.3610



127.0730, 6.9240, -4.3400



126.5840, -13.3880, 0.3400

Square

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



127.0730, 6.9240, -4.3400



124.5960, -13.6620, -5.7100



127.6280, -7.5200, 4.1280



129.2190, 12.7450, 5.8090

Rectangle

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



127.0730, 6.9240, -4.3400



125.8480, -5.6840, -7.1240



127.6280, -7.5200, 4.1280



128.8530, 5.0880, 6.9120

Sweetspot

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



127.0730, 6.9240, -4.3400



169.6150, 2.5220, -1.6540



118.0230, 10.3610, 4.9610



85.8430, 1.8800, -1.0320



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



127.0730, 6.9240, -4.3400



164.7590, 10.6840, -6.4040



127.0400, 2.5230, -7.1810



64.7290, 2.2010, -1.3430



103.4400, 47.2300, -29.9700



2.0710, 1.2380, -0.4100

Inverse Universe

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



115.9270, -6.9240, 4.3400



147.6540, -10.4090, 6.9270



115.9600, -2.5230, 7.1810



61.2710, -2.2010, 1.3430



27.1470, -47.5050, 29.4470



0.3420, -0.9630, 0.9330

Previews

White Background



This preview shows how the YIQ color 127.0730, 6.9240, -4.3400 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 127.0730, 6.9240, -4.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

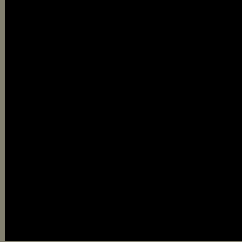
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.0730, 6.9240, -4.3400

Background



This preview shows how black text looks on a background with the YIQ color 127.0730, 6.9240, -4.3400.



This preview shows how white text looks on a background with the YIQ color 127.0730, 6.9240,

-4.3400.

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

127.0730, 6.9240, -4.3400

Protanopia

127.3830, 8.9870, -3.1810

Deuteranopia

128.4380, 16.3220, 1.5540



Tritanopia

128.8310, 2.1540, 5.0180

Trichromacy



Original Color

127.0730, 6.9240, -4.3400

Protanomaly

127.0840, 8.3910, -3.3930

Deuteranomaly

128.1170, 12.7920, -0.5520

Tritanomaly

128.2070, 3.8510, 1.7950

Monochromacy



Original Color

127.0730, 6.9240, -4.3400

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.7290, 2.2010, -1.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.0730, 6.9240, -4.3400 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(131, 128, 112)` looks like.

```
.text, #text, p{  
    color:rgb(131, 128, 112)  
}
```

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(131, 128, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 128, 112) }
```

Border

The CSS property to change the border of an element to YIQ 127.0730, 6.9240, -4.3400 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(131, 128, 112) }
```


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

```
.border{ border-color:rgb(131, 128, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 128, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 128, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 128, 112);  
box-shadow:4px 4px 4px 4px rgb(131, 128,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 127.0730, 6.9240, -4.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 128, 112) }
```

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

```
.background{ background-color: rgb(131,  
128, 112) }
```

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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