

Converting Colors

YIQ(90.9870, 10.0420, -5.7820)

Have a look what the booklet for
YIQ(90.9870, 10.0420, -5.7820)
contains.

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Color

**YIQ(90.9870, 10.0420,
-5.7820)**

Conversions

Conversions Part 1

Format	Color
Hex	615C46
RGB	97, 92, 70
RGB Percent	38%, 36%, 27%
CMY	0.6196, 0.6392, 0.7254
CMYK	0.00, 0.05, 0.28, 0.62
HSL	49°, 16%, 33%
HSV	49°, 28%, 38%
XYZ	9.8626, 10.6377, 7.3302
YIQ	90.9870, 10.0420, -5.7820

Conversions

Conversions Part 2

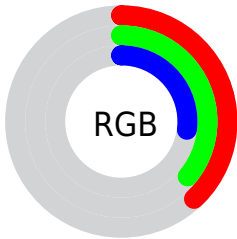
Format	Color
R_{YB}	76, 97, 70
Decimal	6380614
CIE Lab	38.96, -1.95, 13.40
CIE LCh	39, 13.545, 98.295
Yxy	10.6377, 0.3544, 0.3822
Android (android.graphics.Color)	4284570694 (0xFF615C46)
YUV	90.9870, -10.3466, 5.2734
Hunter-Lab	32.6154, -3.1001, 9.5056




Details

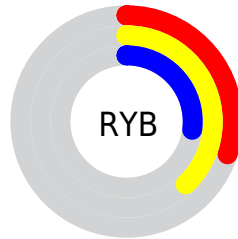
The YIQ color **90.9870, 10.0420, -5.7820** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76.0130, -10.0420, 5.7820**, and the grayscale version is **91.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **141.0580, 11.2800, -6.1920**, and **44.9160, 8.8040, -5.3720** is the 20% darker color. If you saturate the color by 10%, you get **88.6730, 13.8020, -7.8460**, and if you desaturate by 10%, it is **93.3010, 6.2820, -3.7180**.

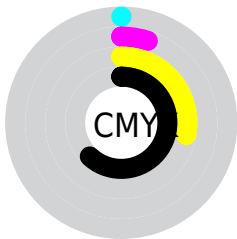
Distribution







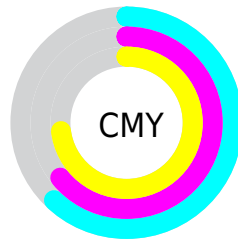
-  Red (38%)
-  Green (36%)
-  Blue (27%)






-  Red (30%)
-  Yellow (38%)
-  Blue (27%)



-  Cyan (0%)
-  Magenta (5%)
-  Yellow (28%)
-  Black (62%)



-  Cyan (62%)
-  Magenta (64%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.9870, 10.0420, -5.7820 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 90.9870, 10.0420, -5.7820 by changing the saturation by 10% instead.

■ 90.9870, 10.0420,
-5.7820

■ 90.9870, 10.0420,
-5.7820

■ 255.0000, -0.0000,
-0.0000

■ 67.8020, 9.1250,
-5.6830

■ 141.0580, 11.2800,
-6.1920

■ 44.9160, 8.8040,
-5.3720

■ 167.9440, 11.6010,
-6.5030

■ 24.2320, 10.7300,
-7.2380

■ 194.9440, 11.6010,
-6.5030

■ 0.0000, 0.0000,
0.0000

■ 222.8300, 11.9220,
-6.8140

■ 249.9330, 10.1340,
-7.4500

■ 90.9870, 10.0420,
-5.7820

■ 90.9870, 10.0420,
-5.7820

■ 88.6730, 13.8020,
-7.8460

■ 93.3010, 6.2820,
-3.7180

■ 86.4730, 17.2410,
-9.5990

■ 95.5010, 2.8430,
-1.9650

■ 84.7460, 20.7260,
-12.1860

■ 97.2280, -0.6420,
0.6220

■ 82.4320, 24.4860,
-14.2500

■ 99.5420, -4.4020,
2.6860

■ 80.2320, 27.9250,
-16.0030

■ 101.8560, -8.1620,
4.7500

■ 77.9180, 31.6850,
-18.0670

■ 104.0560,
-11.6010, 6.5030

■ 75.6040, 35.4450,
-20.1310

■ 106.3700,
-15.3610, 8.5670

■ 75.3760, 36.0870,

■ 108.0970,

-20.7530

-18.8460, 11.1540

■ 110.2970,
-22.2850, 12.9070

Harmonies

Analogous

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



91.8570, 16.4600, -0.9480



90.9870, 10.0420, -5.7820



89.6160, 0.7810, -8.6510

Triad

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



90.9870, 10.0420, -5.7820



87.4470, -23.4280, -4.9320



93.8860, 9.4890, 9.7530

Complementary

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



90.9870, 10.0420, -5.7820



76.0130, -10.0420, 5.7820

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.



93.0850, -1.3770, 8.4390



90.9870, 10.0420, -5.7820



89.1640, -20.9530, -0.2250

Square

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



90.9870, 10.0420, -5.7820



87.1930, -19.8970, -8.3530



91.7030, -12.1050, 4.6230



93.5400, 16.2750, 7.9150

Rectangle

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



90.9870, 10.0420, -5.7820



88.7830, -7.0590, -9.7390



91.7030, -12.1050, 4.6230



93.6190, 5.8670, 9.3150

Sweetspot

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



90.9870, 10.0420, -5.7820



122.6860, 3.7600, -2.0640



78.6430, 14.4870, 7.2790



62.6150, 2.5220, -1.6540



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



90.9870, 10.0420, -5.7820



115.6300, 15.3610, -8.5670



91.5300, 3.8990, -10.0930



47.5440, 1.2840, -1.2440



86.9050, 41.7270, -23.8490



186.2250, 89.4150, -51.1050

Inverse Universe

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



76.0130, -10.0420, 5.7820



92.7830, -15.0860, 9.0900



75.4700, -3.8990, 10.0930



45.0430, -1.5590, 0.7210



25.0950, -41.7270, 23.8490



53.1880, -89.1400, 51.6280

Previews

White Background



This preview shows how the YIQ color 90.9870, 10.0420, -5.7820 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 × Fail

Black Background



This preview shows how the YIQ color 90.9870, 10.0420, -5.7820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

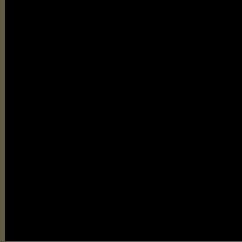
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.9870, 10.0420, -5.7820

Background



This preview shows how black text looks on a background with the YIQ color 90.9870, 10.0420, -5.7820.



This preview shows how white text looks on a background with the YIQ color 90.9870, 10.0420,

-5.7820.

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

90.9870, 10.0420, -5.7820

Protanopia

91.2860, 10.6380, -5.5700

Deuteranopia

92.0420, 17.3770, -1.0470



Tritanopia

93.0870, 4.3090, 4.5090

Trichromacy



Original Color

90.9870, 10.0420, -5.7820

Protanomaly

91.2860, 10.6380, -5.5700

Deuteranomaly

91.4330, 14.7180, -2.4180

Tritanomaly

92.3490, 6.3270, 0.9750

Monochromacy



Original Color

90.9870, 10.0420, -5.7820

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

90.6860, 3.7600, -2.0640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.9870, 10.0420, -5.7820 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(97, 92, 70)` looks like.

```
.text, #text, p{  
    color:rgb(97, 92, 70)  
}
```

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(97, 92, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 92, 70) }
```

Border

The CSS property to change the border of an element to YIQ 90.9870, 10.0420, -5.7820 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(97, 92, 70) }
```


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

```
.border{ border-color:rgb(97, 92, 70) }
```

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

Here you see how a box with a 4 pixel rgb(97, 92, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 92, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 92, 70);  
box-shadow:4px 4px 4px 4px rgb(97, 92, 70)  
}
```

Background

The CSS property to change the background color of an element to YIQ 90.9870, 10.0420, -5.7820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 92, 70) }
```

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

```
.background{ background-color: rgb(97, 92,  
70) }
```

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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