

Converting Colors

YIQ(88.9430, -22.1890,
-10.8690)

Have a look what the booklet for
YIQ(88.9430, -22.1890, -10.8690)
contains.

YIQ(88.9430, -22.1890, -10.8690)	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(88.9430, -22.1890,
-10.8690)**

Conversions

Conversions Part 1

Format	Color
Hex	3D665F
RGB	61, 102, 95
RGB Percent	24%, 40%, 37%
CMY	0.7609, 0.5999, 0.6275
CMYK	0.40, 0.00, 0.07, 0.60
HSL	170°, 25%, 32%
HSV	170°, 40%, 40%
XYZ	8.7405, 11.3232, 12.5464
YIQ	88.9430, -22.1890, -10.8690

Conversions

Conversions Part 2

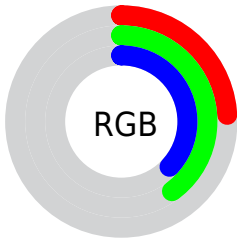
Format	Color
R _{YB}	61, 83, 102
Decimal	4023903
CIE Lab	40.12, -16.21, -0.57
CIE LCh	40, 16.220, 181.997
Yxy	11.3232, 0.2680, 0.3472
Android (android.graphics.Color)	4282213983 (0xFF3D665F)
YUV	88.9430, 2.9861, -24.5060
Hunter-Lab	33.6500, -12.5225, 1.4488




Details

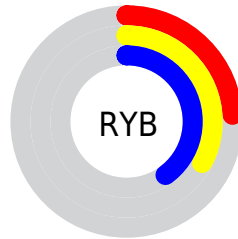
The YIQ color **88.9430, -22.1890, -10.8690** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **74.0570, 22.1890, 10.8690**, and the grayscale version is **89.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **139.5300, -22.4640, -11.3920**, and **41.4590, -23.7020, -10.9820** is the 20% darker color. If you saturate the color by 10%, you get **85.7250, -27.5070, -13.6110**, and if you desaturate by 10%, it is **92.1610, -16.8710, -8.1270**.

Distribution







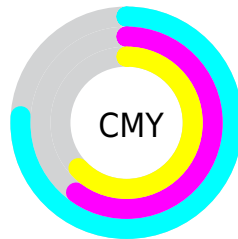
-  Red (24%)
-  Green (40%)
-  Blue (37%)






-  Red (24%)
-  Yellow (33%)
-  Blue (40%)



-  Cyan (40%)
-  Magenta (0%)
-  Yellow (7%)
-  Black (60%)



-  Cyan (76%)
-  Magenta (60%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.9430, -22.1890, -10.8690 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 88.9430, -22.1890, -10.8690 by changing the saturation by 10% instead.

88.9430, -22.1890,
-10.8690

88.9430, -22.1890,
-10.8690

255.0000, -0.0000,
-0.0000

64.9430, -22.1890,
-10.8690

139.5300,
-22.4640, -11.3920

41.4590, -23.7020,
-10.9820

166.2310,
-23.0600, -11.6040

22.5630, -18.0630,
-8.5510

193.5190,
-23.9310, -12.3390

0.8150, -0.9170,
0.0990

221.5190,
-23.9310, -12.3390

0.0000, 0.0000,
0.0000

244.2360,
-21.4560, -7.6320

252.9070, -4.1720,

-1.4840

■ 88.9430, -22.1890,
-10.8690

■ 88.9430, -22.1890,
-10.8690

■ 85.7250, -27.5070,
-13.6110

■ 92.1610, -16.8710,
-8.1270

■ 82.5070, -32.8250,
-16.3530

■ 95.2650, -11.2320,
-5.6960

■ 79.1040, -39.0600,
-18.9960

■ 98.7820, -5.3180,
-2.7420

■ 75.8860, -44.3780,
-21.7380

■ 102.0000, -0.0000,
-0.0000

■ 72.6680, -49.6960,
-24.4800

■ 105.2180, 5.3180,
2.7420

■ 69.5640, -55.3350,
-26.9110

■ 108.3220, 10.9570,
5.1730

■ 111.5400, 16.2750,
7.9150

■ 115.0570, 22.1890,
10.8690

■ 118.2750, 27.5070,
13.6110

Harmonies

Analogous

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



90.7610, -9.9930, -11.6330



88.9430, -22.1890, -10.8690



88.9300, -29.3420, -7.8860

Triad

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



88.9430, -22.1890, -10.8690



96.0570, -4.1740, 9.5700



95.4230, 20.6780, -0.2980

Complementary

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



88.9430, -22.1890, -10.8690



74.0570, 22.1890, 10.8690

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.



95.8950, 22.4650, 5.8650



88.9430, -22.1890, -10.8690



96.7550, 8.4800, 11.5200

Square

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



88.9430, -22.1890, -10.8690



93.4790, -17.2860, 4.9060



96.4910, 17.9710, 10.2190



93.7270, 13.7100, -6.1780

Rectangle

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



88.9430, -22.1890, -10.8690



89.4510, -29.2510, -4.0270



96.4910, 17.9710, 10.2190



95.0750, 21.7780, 1.7940

Sweetspot

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



88.9430, -22.1890, -10.8690



127.8740, -8.5730, -4.3250



87.4590, -6.5070, -19.7470



63.1950, -5.0430, -2.2190



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



88.9430, -22.1890, -10.8690



112.6100, -34.6130, -16.9890



82.1100, -20.8610, -1.8930



49.3910, -2.6590, -1.3710



78.3350, -62.1200, -30.6000



164.9680, -131.0710, -64.0550

Inverse Universe

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



74.0570, 22.1890, 10.8690



89.3900, 34.6130, 16.9890



80.8900, 20.8610, 1.8930



47.6090, 2.6590, 1.3710



36.6650, 62.1200, 30.6000



77.1460, 130.7500, 64.3660

Previews

White Background



This preview shows how the YIQ color 88.9430, -22.1890, -10.8690 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 88.9430, -22.1890, -10.8690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

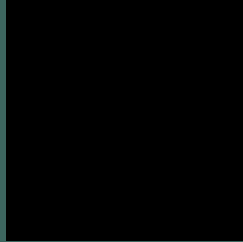
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.9430, -22.1890, -10.8690

Background



This preview shows how black text looks on a background with the YIQ color 88.9430, -22.1890, -10.8690.



This preview shows how white text looks on a background with the YIQ color 88.9430, -22.1890,

-10.8690.

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

88.9430, -22.1890, -10.8690

Protanopia

94.4410, 3.0720, -0.6080

Deuteranopia

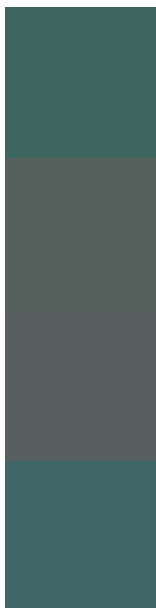
94.9730, 4.6300, 4.1980



Tritanopia

90.1480, -24.0240, -5.1440

Trichromacy



Original Color

88.9430, -22.1890, -10.8690

Protanomaly

92.5430, -6.1430, -4.3110

Deuteranomaly

92.7220, -5.0890, -1.3850

Tritanomaly

89.8660, -23.2900, -7.4340

Monochromacy



Original Color

88.9430, -22.1890, -10.8690

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.1730, -7.9770, -4.1130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.9430, -22.1890, -10.8690 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(61, 102, 95)` looks like.

```
.text, #text, p{  
    color:rgb(61, 102, 95)  
}
```

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(61, 102, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 102, 95) }
```

Border

The CSS property to change the border of an element to YIQ 88.9430, -22.1890, -10.8690 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(61, 102, 95) }
```


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

```
.border{ border-color:rgb(61, 102, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 102, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 102, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 102, 95);  
box-shadow:4px 4px 4px 4px rgb(61, 102,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 88.9430, -22.1890, -10.8690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 102, 95) }
```

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

```
.background{ background-color: rgb(61, 102,  
95) }
```

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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