

Converting Colors

YIQ(90.8820, 22.1980, -38.8740)

Have a look what the booklet for
YIQ(90.8820, 22.1980, -38.8740)
contains.

YIQ(90.8820, 22.1980, -38.8740)	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(90.8820, 22.1980,
-38.8740)**

Conversions

Conversions Part 1

Format	Color
Hex	586E00
RGB	88, 110, 0
RGB Percent	35%, 43%, 0%
CMY	0.6550, 0.5686, 0.9998
CMYK	0.20, 0.00, 1.00, 0.57
HSL	72°, 100%, 22%
HSV	72°, 100%, 43%
XYZ	9.5987, 13.2271, 2.0484
YIQ	90.8820, 22.1980, -38.8740

Conversions

Conversions Part 2

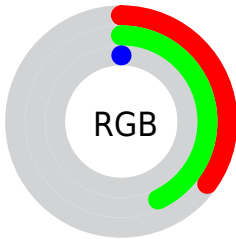
Format	Color
RYB	0, 110, 22
Decimal	5795328
CIELab	43.10, -21.91, 48.71
CIELCh	43, 53.412, 114.222
Yxy	13.2271, 0.3859, 0.5318
Android (android.graphics.Color)	4283985408 (0xFF586E00)
YUV	90.8820, -44.8048, -2.5275
Hunter-Lab	36.3691, -16.5352, 22.1189

Details

The YIQ color **90.8820, 22.1980, -38.8740** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **19.1180, -22.1980, 38.8740**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.2070, 19.9050, -35.8630**, and **47.4570, 5.0020, -24.5820** is the 20% darker color. If you saturate the color by 10%, you get **90.8820, 22.1980, -38.8740**, and if you desaturate by 10%, it is **92.7340, 19.8590, -35.0290**.

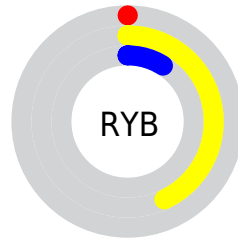
Distribution



Red (35%)

Green (43%)

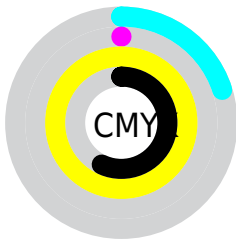
Blue (0%)



Red (0%)

Yellow (43%)

Blue (9%)

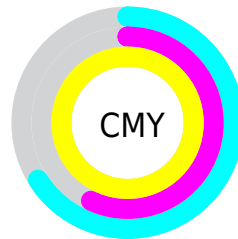


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (66%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.8820, 22.1980, -38.8740 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 90.8820, 22.1980, -38.8740 by changing the saturation by 10% instead.

90.8820, 22.1980,
-38.8740

90.8820, 22.1980,
-38.8740

254.6580, 0.9630,
-0.9330

69.0200, 13.3020,
-31.8340

144.2070, 19.9050,
-35.8630

47.4570, 5.0020,
-24.5820

171.2780, 21.1430,
-36.2730

26.4700, -5.0400,
-18.8000

198.4630, 22.0600,
-36.3720

11.1530, -5.2250,
-9.9370

227.2350, 22.7020,
-36.9940

0.0000, 0.0000,
0.0000

244.8540, 28.5690,
-27.6790

248.0460, 19.5810,

-18.9710

■ 251.3520, 10.2720,
-9.9520

■ 90.8820, 22.1980,
-38.8740

■ 92.7340, 19.8590,
-35.0290

■ 94.5860, 17.5200,
-31.1840

■ 96.7370, 15.7770,
-27.1270

■ 98.5890, 13.4380,
-23.2820

■ 100.4410, 11.0990,
-19.4370

■ 102.2930, 8.7600,
-15.5920

■ 104.1450, 6.4210,
-11.7470

■ 106.2960, 4.6780,
-7.6900

■ 108.1480, 2.3390,
-3.8450

Harmonies

Analogous

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



95.8090, 50.8050, -23.1710



90.8820, 22.1980, -38.8740



79.5930, -37.0840, -43.8040

Triad

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



90.8820, 22.1980, -38.8740



89.5750, -88.2580, -8.4340



98.2640, 53.5440, 42.8560

Complementary

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



90.8820, 22.1980, -38.8740



19.1180, -22.1980, 38.8740

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.



104.0610, 17.5070, 40.6670



90.8820, 22.1980, -38.8740



86.2300, -91.2400, 1.5600

Square

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



90.8820, 22.1980, -38.8740



87.2320, -77.5270, -21.1990



100.8570, -35.1250, 25.3470



96.4930, 68.3560, 27.7160

Rectangle

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



90.8820, 22.1980, -38.8740



79.6910, -57.6710, -39.6470



100.8570, -35.1250, 25.3470



100.2290, 43.4570, 43.9450

Sweetspot

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



90.8820, 22.1980, -38.8740



135.4070, 8.4390, -15.2810



45.8040, 59.5100, 11.8140



66.6550, 5.0450, -8.8350



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



90.8820, 22.1980, -38.8740



118.0270, 28.6190, -50.6210



74.4370, -10.5820, -50.5340



55.0170, 1.3300, -2.0780



99.1440, 24.2160, -42.4080



204.1910, 50.0830, -87.2050

Inverse Universe

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



19.1180, -22.1980, 38.8740



24.9730, -28.6190, 50.6210



35.5630, 10.5820, 50.5340



51.2820, -0.7340, 2.2900



20.8560, -24.2160, 42.4080



43.1080, -49.4870, 87.4170

Previews

White Background



This preview shows how the YIQ color 90.8820, 22.1980, -38.8740 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 90.8820, 22.1980, -38.8740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

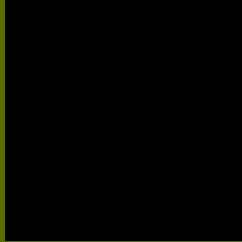
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.8820, 22.1980, -38.8740

Background



This preview shows how black text looks on a background with the YIQ color 90.8820, 22.1980, -38.8740.



This preview shows how white text looks on a background with the YIQ color 90.8820, 22.1980,

-38.8740.

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

90.8820, 22.1980, -38.8740

Protanopia

94.2590, 40.4900, -28.9660

Deuteranopia

96.9040, 43.4680, -16.8520



Tritanopia

101.4170, -5.5480, 1.4280

Trichromacy



Original Color

90.8820, 22.1980, -38.8740

Protanomaly

93.0300, 33.7050, -32.6550

Deuteranomaly

94.5560, 35.4000, -24.8240

Tritanomaly

97.7210, 4.6790, -13.2170

Monochromacy



Original Color

90.8820, 22.1980, -38.8740

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

91.0480, 8.0720, -14.1360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.8820, 22.1980, -38.8740 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(88, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(88, 110, 0)  
}
```

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(88, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 110, 0) }
```

Border

The CSS property to change the border of an element to YIQ 90.8820, 22.1980, -38.8740 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(88, 110, 0) }
```


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

```
.border{ border-color:rgb(88, 110, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 110, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(88, 110, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 90.8820, 22.1980, -38.8740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 110, 0) }
```

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

```
.background{ background-color: rgb(88, 110,  
0) }
```

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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