

Converting Colors

YIQ(168.3690, -22.7880, 5.5000)

Have a look what the booklet for
YIQ(168.3690, -22.7880, 5.5000)
contains.

YIQ(168.3690, -22.7880, 5.5000)	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(168.3690, -22.7880,
5.5000)**

Conversions

Conversions Part 1	
Format	Color
Hex	96ABCB
RGB	150, 171, 203
RGB Percent	59%, 67%, 80%
CMY	0.4118, 0.3294, 0.2040
CMYK	0.26, 0.16, 0.00, 0.20
HSL	216°, 34%, 69%
HSV	216°, 26%, 80%
XYZ	37.9169, 39.9229, 62.1890
YIQ	168.3690, -22.7880, 5.5000

Conversions

Conversions Part 2

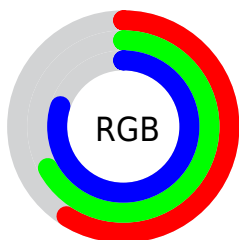
Format	Color
RYB	150, 165, 203
Decimal	9874379
CIELab	69.41, -0.09, -18.67
CIELCh	69, 18.672, 269.716
Yxy	39.9229, 0.2708, 0.2851
Android (android.graphics.Color)	4288064459 (0xFF96ABCB)
YUV	168.3690, 17.0731, -16.1096
Hunter-Lab	63.1846, -3.4557, -14.1266

Details

The YIQ color $168.3690, -22.7880, 5.5000$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $184.6310, 22.7880, -5.5000$, and the grayscale version is $168.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $223.0270, -21.8250, 4.5670$, and $116.1410, -22.1460, 4.8780$ is the 20% darker color. If you saturate the color by 10%, you get $155.3450, -31.4080, 7.5360$, and if you desaturate by 10%, it is $181.3930, -14.1680, 3.4640$.

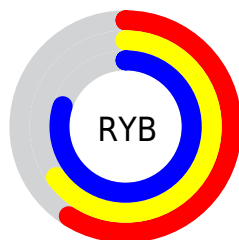
Distribution



Red (59%)

Green (67%)

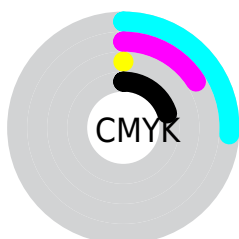
Blue (80%)



Red (59%)

Yellow (65%)

Blue (80%)

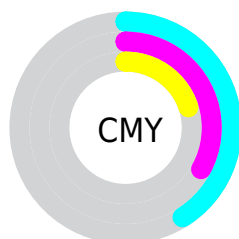


Cyan (26%)

Magenta (16%)

Yellow (0%)

Black (20%)



Cyan (41%)

Magenta (33%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.3690, -22.7880, 5.5000 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 168.3690, -22.7880, 5.5000 by changing the saturation by 10% instead.

■ 168.3690,
-22.7880, 5.5000

■ 168.3690,
-22.7880, 5.5000

255.0000, -0.0000,
-0.0000

■ 142.2550,
-22.4670, 5.1890

■ 223.0270,
-21.8250, 4.5670

■ 116.1410,
-22.1460, 4.8780

■ 248.4220,
-13.1120, -4.6640

■ 91.0270, -21.8250,
4.5670

■ 67.5000, -21.7790,
3.7330

■ 43.7880, -22.6500,
2.9980

■ 22.2500, -24.0710,
1.2170

■ 4.5940, -10.1800,

8.2840

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 168.3690,
-22.7880, 5.5000

■ 168.3690,
-22.7880, 5.5000

■ 155.3450,
-31.4080, 7.5360

■ 181.3930,
-14.1680, 3.4640

■ 142.0220,
-40.6240, 9.3600

■ 195.3030, -5.2270,
1.1170

■ 128.4110,
-48.9690, 11.9190

■ 208.3270, 3.3930,
-0.9190

■ 115.3870,
-57.5890, 13.9550

■ 221.3510, 12.0130,
-2.9550

■ 102.3630,
-66.2090, 15.9910

■ 234.3750, 20.6330,
-4.9910

■ 89.0400, -75.4250,
17.8150

■ 242.6150, 19.7170,
-10.4190

■ 75.4290, -83.7700,
20.3740

■ 249.0720, 16.6920,
-16.1720

■ 70.6890, -87.4380,
20.7700

Harmonies

Analogous

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



165.0530, -33.8820, -2.6980



168.3690, -22.7880, 5.5000



170.9690, -6.7420, 12.0580

Triad

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



168.3690, -22.7880, 5.5000



172.0700, 29.3420, 7.8860



164.5820, -11.0470, -14.5590

Complementary

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



168.3690, -22.7880, 5.5000



184.6310, 22.7880, -5.5000

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.



167.1340, 4.9540, -12.6940



168.3690, -22.7880, 5.5000



170.6580, 27.3260, 0.3660

Square

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



168.3690, -22.7880, 5.5000



172.8230, 22.9680, 13.2720



168.8370, 19.2120, -6.7720



163.2090, -25.9940, -13.4980

Rectangle

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



168.3690, -22.7880, 5.5000



172.5960, 4.6740, 14.4180



168.8370, 19.2120, -6.7720



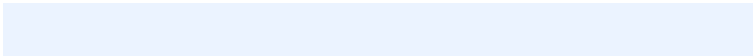
165.2190, -5.5910, -14.3190

Sweetspot

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



168.3690, -22.7880, 5.5000



241.9760, -8.6200, 2.0360



184.7590, -24.8470, -17.7670



119.4170, -5.5480, 1.4280



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



168.3690, -22.7880, 5.5000



203.2030, -33.8840, 8.3560



157.5370, -14.0330, 17.5430



95.4880, -4.3100, 1.0180



57.6660, -71.4360, 17.1080



13.1370, -16.3230, 3.9730

Inverse Universe

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



168.2410, 24.8470, 17.7670



203.1550, 37.1330, 26.3890



195.4630, 14.0330, -17.5430



95.4460, 4.6760, 3.3640



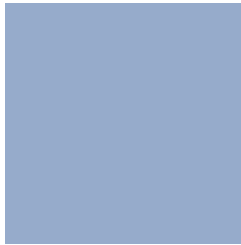
57.1580, 77.7500, 55.7180



13.0720, 17.8330, 12.7210

Previews

White Background



This preview shows how the YIQ color 168.3690, -22.7880, 5.5000 looks on a white background.

Color Contrast Check

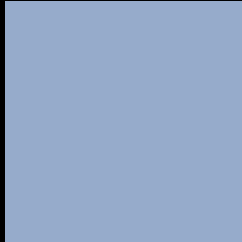
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 168.3690, -22.7880, 5.5000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

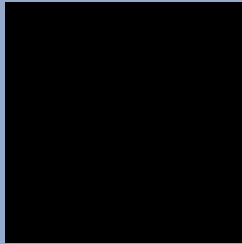
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.3690, -22.7880, 5.5000

Background



This preview shows how black text looks on a background with the YIQ color 168.3690, -22.7880, 5.5000.



This preview shows how white text looks on a background with the YIQ color 168.3690, -22.7880,

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

168.3690, -22.7880, 5.5000

Protanopia

169.9680, -14.1690, 8.9910

Deuteranopia

170.3430, -10.7310, 12.7650



Tritanopia

167.5230, -20.5860, -1.3700

Trichromacy



Original Color
168.3690, -22.7880, 5.5000

Protanomaly
169.4730, -17.1490, 7.9310

Deuteranomaly
169.4240, -15.4530, 10.2350

Tritanomaly
167.8050, -21.3200, 0.9200

Monochromacy



Original Color
168.3690, -22.7880, 5.5000

Achromatopsia
168.0000, -0.0000, -0.0000

Achromatomaly
167.9760, -8.6200, 2.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.3690, -22.7880, 5.5000 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(150, 171, 203)` looks like.

```
.text, #text, p{  
    color:rgb(150, 171, 203)  
}
```

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(150, 171, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 171, 203) }
```

Border

The CSS property to change the border of an element to YIQ 168.3690, -22.7880, 5.5000 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(150, 171, 203) }
```


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

```
.border{ border-color:rgb(150, 171, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 171, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 171, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 171, 203);  
box-shadow:4px 4px 4px 4px rgb(150, 171,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 168.3690, -22.7880, 5.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 171, 203) }
```

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

```
.background{ background-color: rgb(150,  
171, 203) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor