

Converting Colors

YIQ(150.3690, -22.7880, 5.5000)

Have a look what the booklet for
YIQ(150.3690, -22.7880, 5.5000)
contains.

YIQ(150.3690, -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(150.3690, -22.7880,
5.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	8499B9
RGB	132, 153, 185
RGB Percent	52%, 60%, 73%
CMY	0.4824, 0.4000, 0.2746
CMYK	0.29, 0.17, 0.00, 0.27
HSL	216°, 27%, 62%
HSV	216°, 29%, 73%
XYZ	29.6611, 31.1918, 50.3400
YIQ	150.3690, -22.7880, 5.5000

Conversions

Conversions Part 2

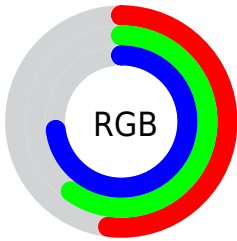
Format	Color
RYB	132, 147, 185
Decimal	8690105
CIELab	62.67, 0.05, -19.01
CIELCh	63, 19.013, 270.163
Yxy	31.1918, 0.2668, 0.2805
Android (android.graphics.Color)	4286880185 (0xFF8499B9)
YUV	150.3690, 17.0731, -16.1096
Hunter-Lab	55.8497, -2.9377, -14.3462

Details

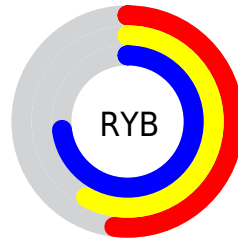
The YIQ color $150.3690, -22.7880, 5.5000$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $166.6310, 22.7880, -5.5000$, and the grayscale version is $150.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $204.5970, -23.4300, 6.1220$, and $99.1410, -22.1460, 4.8780$ is the 20% darker color. If you saturate the color by 10%, you get $138.2310, -31.0870, 7.2250$, and if you desaturate by 10%, it is $162.2080, -15.0850, 3.5630$.

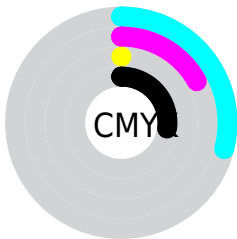
Distribution



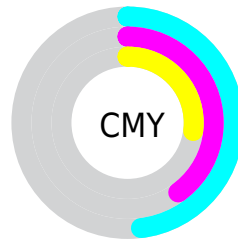
- Red (52%)
- Green (60%)
- Blue (73%)



- Red (52%)
- Yellow (58%)
- Blue (73%)



- Cyan (29%)
- Magenta (17%)
- Yellow (0%)
- Black (27%)



- Cyan (48%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.3690, -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 150.3690, -22.7880, 5.5000 by changing the saturation by 10% instead.

■ 150.3690,
-22.7880, 5.5000

■ 150.3690,
-22.7880, 5.5000

■ 255.0000, -0.0000,
-0.0000

■ 124.2550,
-22.4670, 5.1890

■ 204.5970,
-23.4300, 6.1220

■ 99.1410, -22.1460,
4.8780

■ 231.0010,
-18.9360, 1.7680

■ 74.7280, -22.4210,
4.3550

■ 251.4120, -7.1520,
-2.5440

■ 51.7880, -22.6500,
2.9980

■ 28.1790, -25.3090,
1.6270

■ 11.2620, -15.1770,
5.2310

■ 2.2970, -5.0900,

4.1420

0.0000, 0.0000,
0.0000

150.3690,
-22.7880, 5.5000

150.3690,
-22.7880, 5.5000

138.2310,
-31.0870, 7.2250

162.2080,
-15.0850, 3.5630

126.3920,
-38.7900, 9.1620

174.3460, -6.7860,
1.8380

114.5530,
-46.4930, 11.0990

186.1850, 0.9170,
-0.0990

101.8280,
-54.5170, 13.3470

198.9100, 8.9410,
-2.3470

89.9890, -62.2200,
15.2840

210.7490, 16.6440,
-4.2840

■ 77.8510, -70.5190,
17.0090

■ 222.8870, 24.9430,
-6.0090

■ 66.0120, -78.2220,
18.9460

■ 232.9320, 29.0700,
-9.2180

■ 63.9410, -79.4600,
19.3560

■ 239.3890, 26.0450,
-14.9710

■ 245.8460, 23.0200,
-20.7240

Harmonies

Analogous

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



147.0530, -33.8820, -2.6980



150.3690, -22.7880, 5.5000



153.2680, -6.1460, 12.2700

Triad

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



150.3690, -22.7880, 5.5000



153.7710, 28.7460, 7.6740



146.5820, -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.



150.3690, -22.7880, 5.5000



166.6310, 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.



149.1340, 4.9540, -12.6940



150.3690, -22.7880, 5.5000



152.6580, 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.



150.3690, -22.7880, 5.5000



154.8230, 22.9680, 13.2720



150.5380, 18.6160, -6.9840



144.9100, -26.5900, -13.7100

Rectangle

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



150.3690, -22.7880, 5.5000



154.4820, 4.9950, 14.1070



150.5380, 18.6160, -6.9840



147.3330, -5.9120, -14.0080

Sweetspot

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



150.3690, -22.7880, 5.5000



225.7910, -9.5370, 2.1350



166.7590, -24.8470, -17.7670



111.4170, -5.5480, 1.4280



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



150.3690, -22.7880, 5.5000



186.7190, -35.3970, 8.2430



139.5370, -14.0330, 17.5430



85.7870, -3.7140, 1.2300



54.1780, -67.1260, 16.0900



9.6490, -12.0130, 2.9550

Inverse Universe

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



150.2410, 24.8470, 17.7670



186.2800, 38.2790, 27.6470



177.4630, 14.0330, -17.5430



86.0330, 4.4010, 2.8410



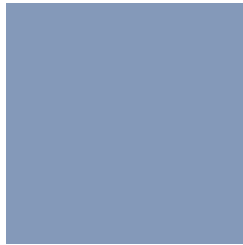
53.7120, 73.0740, 52.3540



9.6260, 13.1570, 9.3570

Previews

White Background



This preview shows how the YIQ color 150.3690, -22.7880, 5.5000 looks on a white background.

Color Contrast Check

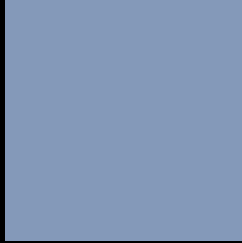
Large Text (above 18pt) WCAG AA × Fail

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 150.3690, -22.7880, 5.5000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

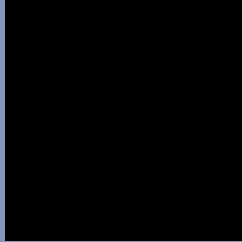
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

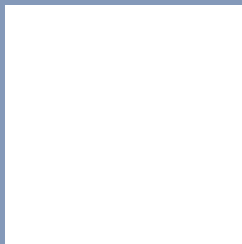
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 150.3690, -22.7880, 5.5000

Background



This preview shows how black text looks on a background with the YIQ color 150.3690, -22.7880, 5.5000.



This preview shows how white text looks on a background with the YIQ color 150.3690, -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

150.3690, -22.7880, 5.5000

Protanopia

151.9680, -14.1690, 8.9910

Deuteranopia

152.3320, -12.1980, 11.8180



Tritanopia

148.9960, -20.5400, -2.2040

Trichromacy



Original Color

150.3690, -22.7880, 5.5000

Protanomaly

151.4730, -17.1490, 7.9310

Deuteranomaly

151.7120, -16.3240, 9.5000

Tritanomaly

149.3920, -21.5950, 0.3970

Monochromacy



Original Color

150.3690, -22.7880, 5.5000

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.9760, -8.6200, 2.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.3690, -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(132, 153, 185)` looks like.

```
.text, #text, p{  
    color:rgb(132, 153, 185)  
}
```

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(132, 153, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 153, 185) }
```

Border

The CSS property to change the border of an element to YIQ 150.3690, -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(132, 153, 185) }
```


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

```
.border{ border-color:rgb(132, 153, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 153, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 153, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 153, 185);  
box-shadow:4px 4px 4px 4px rgb(132, 153,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 150.3690, -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(132, 153, 185) }
```

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

```
.background{ background-color: rgb(132,  
153, 185) }
```

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