

Converting Colors

YIQ(108.4230, -22.8800, 7.1680)

Have a look what the booklet for
YIQ(108.4230, -22.8800, 7.1680)
contains.

YIQ(108.4230, -22.8800, 7.1680)	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(108.4230, -22.8800,
7.1680)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6E92
RGB	91, 110, 146
RGB Percent	36%, 43%, 57%
CMY	0.6432, 0.5686, 0.4276
CMYK	0.38, 0.25, 0.00, 0.43
HSL	219°, 23%, 46%
HSV	219°, 38%, 57%
XYZ	15.0766, 15.4518, 29.3697
YIQ	108.4230, -22.8800, 7.1680

Conversions

Conversions Part 2

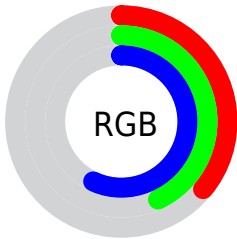
Format	Color
R_{YB}	91, 105, 146
Decimal	5992082
CIE _{Lab}	46.25, 2.35, -21.90
CIE _{LCh}	46, 22.028, 276.136
Yxy	15.4518, 0.2517, 0.2580
Android (android.graphics.Color)	4284182162 (0xFF5B6E92)
YUV	108.4230, 18.5255, -15.2800
Hunter-Lab	39.3088, -0.3283, -16.7825

Details

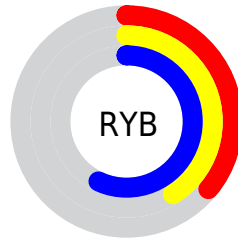
The YIQ color **108.4230, -22.8800, 7.1680** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **128.5770, 22.8800, -7.1680**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0640, -23.2470, 8.3130**, and **60.3690, -22.7880, 5.5000** is the 20% darker color. If you saturate the color by 10%, you get **98.0680, -29.0700, 9.2180**, and if you desaturate by 10%, it is **118.7780, -16.6900, 5.1180**.

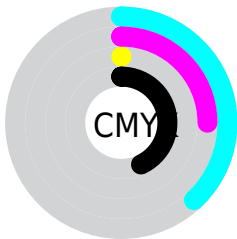
Distribution



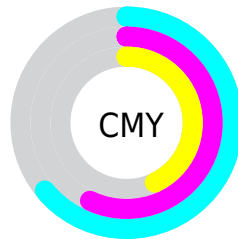
- Red (36%)
- Green (43%)
- Blue (57%)



- Red (36%)
- Yellow (41%)
- Blue (57%)



- Cyan (38%)
- Magenta (25%)
- Yellow (0%)
- Black (43%)



- Cyan (64%)
- Magenta (57%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.4230, -22.8800, 7.1680 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 108.4230, -22.8800, 7.1680 by changing the saturation by 10% instead.

■ 108.4230,
-22.8800, 7.1680

■ 108.4230,
-22.8800, 7.1680

■ 255.0000, -0.0000,
-0.0000

■ 83.8960, -22.8340,
6.3340

■ 160.0640,
-23.2470, 8.3130

■ 60.3690, -22.7880,
5.5000

■ 187.1780,
-23.5680, 8.6240

■ 36.9450, -24.5300,
4.0300

■ 215.0640,
-23.2470, 8.3130

■ 17.9130, -21.5040,
4.2560

■ 240.4590,
-14.5340, -0.9180

■ 3.7790, -9.2630,
8.1850

■ 0.0000, 0.0000,
0.0000

■ 108.4230,
-22.8800, 7.1680

■ 108.4230,
-22.8800, 7.1680

■ 98.0680, -29.0700,
9.2180

■ 118.7780,
-16.6900, 5.1180

■ 88.5990, -34.9390,
10.9570

■ 128.2470,
-10.8210, 3.3790

■ 78.2440, -41.1290,
13.0070

■ 138.6020, -4.6310,
1.3290

■ 68.7750, -46.9980,
14.7460

■ 148.0710, 1.2380,
-0.4100

■ 58.4200, -53.1880,
16.7960

■ 158.4260, 7.4280,
-2.4600

■ 48.6520, -59.6530,
18.3230

■ 168.1940, 13.8930,
-3.9870

■ 45.9940, -60.6160,
19.2560

■ 178.2500, 19.4870,
-6.2490

■ 188.0180, 25.9520,

-7.7760

■ 198.0740, 31.5460,
-10.0380

Harmonies

Analogous

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



102.9430, -39.3840, -2.1040



108.4230, -22.8800, 7.1680



111.2900, -3.2120, 14.1640

Triad

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



108.4230, -22.8800, 7.1680



111.0270, 30.9010, 7.1650



103.0050, -16.7320, -16.1560

Complementary

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



108.4230, -22.8800, 7.1680



128.5770, 22.8800, -7.1680

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.



106.1120, 2.0200, -14.5880



108.4230, -22.8800, 7.1680



109.4900, 27.7390, -1.6130

Square

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



108.4230, -22.8800, 7.1680



112.0900, 26.5900, 13.7100



108.4730, 17.2410, -9.5990



100.3650, -35.3010, -15.5330

Rectangle

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



108.4230, -22.8800, 7.1680



112.1020, 9.1210, 16.4250



108.4730, 17.2410, -9.5990



104.4140, -10.6340, -16.5380

Sweetspot

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



108.4230, -22.8800, 7.1680



174.5030, -8.6660, 2.8700



127.3890, -26.6810, -17.5690



85.7160, -4.9520, 1.6400



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



108.4230, -22.8800, 7.1680



130.7130, -35.2600, 11.2680



99.6620, -12.8870, 18.8010



68.9720, -2.7970, 1.1310



43.9080, -57.4980, 17.8140



3.4880, -4.3100, 1.0180

Inverse Universe

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



109.6110, 26.6810, 17.5690



132.7210, 41.3510, 27.0390



137.3380, 12.8870, -18.8010



69.3210, 3.5300, 2.1060



46.7340, 66.8400, 44.1840



3.4460, 4.6760, 3.3640

Previews

White Background



This preview shows how the YIQ color 108.4230, -22.8800, 7.1680 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 108.4230, -22.8800, 7.1680 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

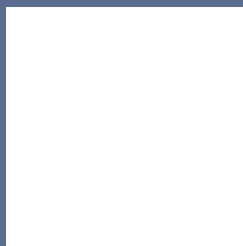
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 108.4230, -22.8800, 7.1680

Background



This preview shows how black text looks on a background with the YIQ color 108.4230, -22.8800, 7.1680.

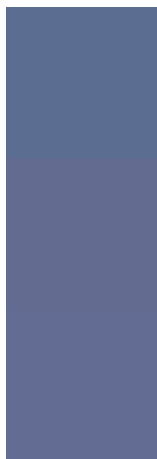


This preview shows how white text looks on a background with the YIQ color 108.4230, -22.8800,

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

108.4230, -22.8800, 7.1680

Protanopia

109.4130, -16.9200, 9.2880

Deuteranopia

109.6410, -17.5620, 9.9100



Tritanopia

106.3550, -20.1730, -3.3490

Trichromacy



Original Color

108.4230, -22.8800, 7.1680

Protanomaly

109.2170, -19.3040, 8.4400

Deuteranomaly

109.3310, -19.6250, 8.7510

Tritanomaly

107.2780, -21.2740, 0.0860

Monochromacy



Original Color

108.4230, -22.8800, 7.1680

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

108.3890, -8.3450, 2.5590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.4230, -22.8800, 7.1680 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(91, 110, 146)` looks like.

```
.text, #text, p{  
    color:rgb(91, 110, 146)  
}
```

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(91, 110, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 110, 146) }
```

Border

The CSS property to change the border of an element to YIQ 108.4230, -22.8800, 7.1680 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(91, 110, 146) }
```


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

```
.border{ border-color:rgb(91, 110, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 110, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 110, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 110, 146);  
box-shadow:4px 4px 4px 4px rgb(91, 110,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 108.4230, -22.8800, 7.1680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 110, 146) }
```

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

```
.background{ background-color: rgb(91, 110,  
146) }
```

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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