

Converting Colors

YIQ(118.2230, 6.9220, 6.7140)

Have a look what the booklet for
YIQ(118.2230, 6.9220, 6.7140)
contains.

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Color

**YIQ(118.2230, 6.9220,
6.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	81707A
RGB	129, 112, 122
RGB Percent	51%, 44%, 48%
CMY	0.4941, 0.5608, 0.5215
CMYK	0.00, 0.13, 0.05, 0.49
HSL	325°, 7%, 47%
HSV	325°, 13%, 51%
XYZ	18.3616, 17.6601, 20.8550
YIQ	118.2230, 6.9220, 6.7140

Conversions

Conversions Part 2

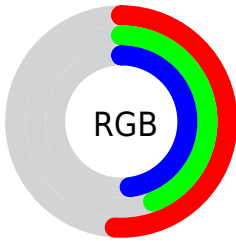
Format	Color
R_{YB}	129, 112, 122
Decimal	8482938
CIE _{Lab}	49.08, 8.52, -3.08
CIE _{LCh}	49, 9.058, 340.136
Yxy	17.6601, 0.3228, 0.3105
Android (android.graphics.Color)	4286673018 (0xFF81707A)
YUV	118.2230, 1.8621, 9.4514
Hunter-Lab	42.0239, 4.4506, -0.0068

Details

The YIQ color **118.2230, 6.9220, 6.7140** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **122.7770, -6.9220, -6.7140**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.5220, 7.5180, 6.9260**, and **69.8100, 6.6470, 6.1910** is the 20% darker color. If you saturate the color by 10%, you get **110.0220, 12.1020, 11.9580**, and if you desaturate by 10%, it is **126.4240, 1.7420, 1.4700**.

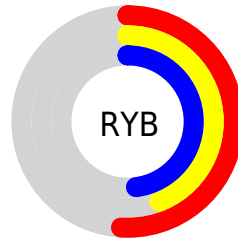
Distribution



Red (51%)

Green (44%)

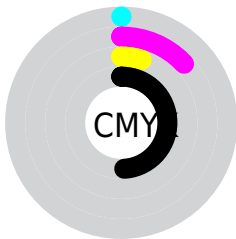
Blue (48%)



Red (51%)

Yellow (44%)

Blue (48%)

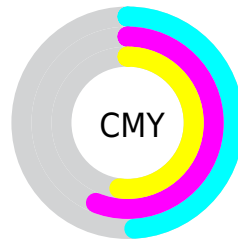


Cyan (0%)

Magenta (13%)

Yellow (5%)

Black (49%)



Cyan (49%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.2230, 6.9220, 6.7140 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 118.2230, 6.9220, 6.7140 by changing the saturation by 10% instead.


 118.2230, 6.9220,
6.7140


 118.2230, 6.9220,
6.7140


255.0000, -0.0000,
-0.0000

 93.8100, 6.6470,
6.1910


 170.5220, 7.5180,
6.9260

 69.8100, 6.6470,
6.1910


 197.9350, 7.7930,
7.4490

 47.5110, 6.0510,
5.9790

 225.9350, 7.7930,
7.4490

 26.7990, 5.1800,
5.2440

 250.3040, 2.2000,
4.1840

 3.4460, 4.6760,
3.3640

 0.0000, 0.0000,
0.0000

■ 118.2230, 6.9220,
6.7140

■ 118.2230, 6.9220,
6.7140

■ 110.0220, 12.1020,
11.9580

■ 126.4240, 1.7420,
1.4700

■ 101.7070, 17.6030,
16.8910

■ 134.7390, -3.7590,
-3.4630

■ 93.5060, 22.7830,
22.1350

■ 142.9400, -8.9390,
-8.7070

■ 85.3050, 27.9630,
27.3790

■ 151.1410,
-14.1190, -13.9510

■ 76.9900, 33.4640,
32.3120

■ 159.4560,
-19.6200, -18.8840

■ 69.3760, 38.3690,
37.0330

■ 167.0700,
-24.5250, -23.6050

■ 61.1750, 43.5490,
42.2770

■ 175.2710,
-29.7050, -28.8490

■ 52.9740, 48.7290,

■ 183.5860,

47.5210

-35.2060, -33.7820

■ 47.2350, 52.4880,
50.9840

■ 191.7870,
-40.3860, -39.0260

Harmonies

Analogous

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



117.6890, -0.3220, 5.8380



118.2230, 6.9220, 6.7140



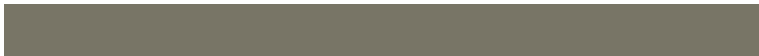
117.9200, 12.1490, 5.5970

Triad

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



118.2230, 6.9220, 6.7140



116.1870, 6.6030, -4.0290



114.6930, -15.3130, -3.3210

Complementary

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



118.2230, 6.9220, 6.7140



122.7770, -6.9220, -6.7140

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.



113.8950, -13.0660, -5.4980



118.2230, 6.9220, 6.7140



115.0120, -0.2740, -6.0500

Square

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



118.2230, 6.9220, 6.7140



116.8180, 12.1960, -0.7640



114.4780, -7.5180, -6.9260



115.5840, -13.3880, 0.3400

Rectangle

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



118.2230, 6.9220, 6.7140



117.9370, 13.4790, 3.5190



114.4780, -7.5180, -6.9260



114.1660, -15.2670, -4.1550

Sweetspot

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



118.2230, 6.9220, 6.7140



164.2500, 2.2920, 2.5160



116.0310, -1.2850, 6.7710



81.4240, 1.7420, 1.4700



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



118.2230, 6.9220, 6.7140



150.8970, 10.9560, 10.7000



117.3110, 9.4900, 4.2260



59.5490, 2.8880, 2.7280



46.8220, 52.2130, 50.4610



0.0000, 0.0000, 0.0000

Inverse Universe

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



118.2230, 6.9220, 6.7140



150.8970, 10.9560, 10.7000



123.6890, -9.4900, -4.2260



59.5490, 2.8880, 2.7280



46.8220, 52.2130, 50.4610



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 118.2230, 6.9220, 6.7140 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 118.2230, 6.9220, 6.7140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

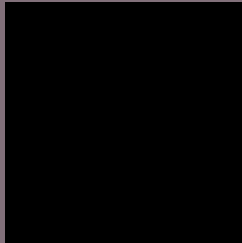
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.2230, 6.9220, 6.7140

Background



This preview shows how black text looks on a background with the YIQ color 118.2230, 6.9220, 6.7140.



This preview shows how white text looks on a background with the YIQ color 118.2230, 6.9220,

6.7140.

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

118.2230, 6.9220, 6.7140

Protanopia

117.2110, -1.9720, 2.7000

Deuteranopia

117.9130, 4.8590, 5.5550



Tritanopia

118.1090, 7.2430, 6.4030

Trichromacy



Original Color

118.2230, 6.9220, 6.7140

Protanomaly

117.7060, 1.0080, 3.7600

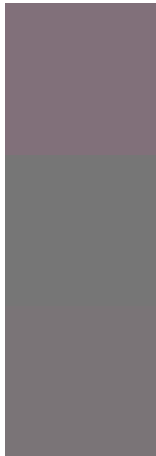
Deuteranomaly

118.2120, 5.4550, 5.7670

Tritanomaly

118.1090, 7.2430, 6.4030

Monochromacy



Original Color

118.2230, 6.9220, 6.7140

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.1360, 2.6130, 2.2050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.2230, 6.9220, 6.7140 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(129, 112, 122)` looks like.

```
.text, #text, p{  
    color:rgb(129, 112, 122)  
}
```

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(129, 112, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 112, 122) }
```

Border

The CSS property to change the border of an element to YIQ 118.2230, 6.9220, 6.7140 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(129, 112, 122) }
```


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

```
.border{ border-color:rgb(129, 112, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 112, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 112, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 112, 122);  
box-shadow:4px 4px 4px 4px rgb(129, 112,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 118.2230, 6.9220, 6.7140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 112, 122) }
```

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

```
.background{ background-color: rgb(129,  
112, 122) }
```

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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