

Converting Colors

YIQ(117.8680, 0.7320, 8.7640)

Have a look what the booklet for
YIQ(117.8680, 0.7320, 8.7640)
contains.

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Color

**YIQ(117.8680, 0.7320,
8.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7084
RGB	124, 112, 132
RGB Percent	49%, 44%, 52%
CMY	0.5137, 0.5608, 0.4824
CMYK	0.06, 0.15, 0.00, 0.48
HSL	276°, 8%, 48%
HSV	276°, 15%, 52%
XYZ	18.2719, 17.5390, 24.2510
YIQ	117.8680, 0.7320, 8.7640

Conversions

Conversions Part 2

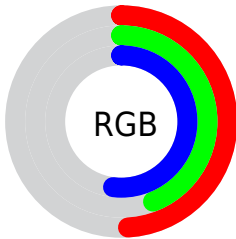
Format	Color
R_{YB}	124, 112, 132
Decimal	8155268
CIE Lab	48.93, 8.69, -9.28
CIE LCh	49, 12.715, 313.120
Yxy	17.5390, 0.3042, 0.2920
Android (android.graphics.Color)	4286345348 (0xFF7C7084)
YUV	117.8680, 6.9671, 5.3778
Hunter-Lab	41.8795, 4.5899, -5.0171

Details

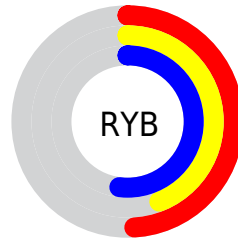
The YIQ color $117.8680, 0.7320, 8.7640$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $126.1320, -0.7320, -8.7640$, and the grayscale version is $118.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $170.2810, 1.0070, 9.2870$, and $69.4550, 0.4570, 8.2410$ is the 20% darker color. If you saturate the color by 10%, you get $108.7420, 1.3270, 14.5030$, and if you desaturate by 10%, it is $126.9940, 0.1370, 3.0250$.

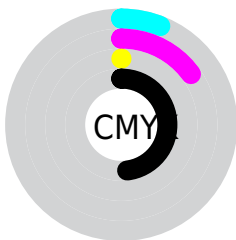
Distribution



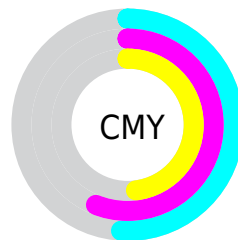
- Red (49%)
- Green (44%)
- Blue (52%)



- Red (49%)
- Yellow (44%)
- Blue (52%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (48%)



- Cyan (51%)
- Magenta (56%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.8680, 0.7320, 8.7640 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 117.8680, 0.7320, 8.7640 by changing the saturation by 10% instead.

■ 117.8680, 0.7320,
8.7640

■ 117.8680, 0.7320,
8.7640

■ 255.0000, -0.0000,
-0.0000

■ 93.4550, 0.4570,
8.2410

■ 170.2810, 1.0070,
9.2870

■ 69.4550, 0.4570,
8.2410

■ 197.3950, 0.6860,
9.5980

■ 46.9280, 0.5030,
7.4070

■ 225.3950, 0.6860,
9.5980

■ 26.5150, 0.2280,
6.8840

■ 250.3040, 2.2000,
4.1840

■ 2.5360, -4.2650,
5.7110

■ 0.0000, 0.0000,
0.0000

■ 117.8680, 0.7320,
8.7640

■ 117.8680, 0.7320,
8.7640

■ 108.7420, 1.3270,
14.5030

■ 126.9940, 0.1370,
3.0250

■ 99.3170, 1.3260,
20.0300

■ 136.4190, 0.1380,
-2.5020

■ 89.6040, 2.1960,
26.2920

■ 146.1320, -0.7320,
-8.7640

■ 80.4780, 2.7910,
32.0310

■ 155.2580, -1.3270,
-14.5030

■ 71.3520, 3.3860,
37.7700

■ 164.3840, -1.9220,
-20.2420

■ 61.9270, 3.3850,
43.2970

■ 173.8090, -1.9210,
-25.7690

■ 52.8010, 3.9800,
49.0360

■ 182.9350, -2.5160,
-31.5080

■ 43.0880, 4.8500,

■ 192.6480, -3.3860,

55.2980

-37.7700

■ 38.6690, 4.7120,
57.8000

■ 201.7740, -3.9810,
-43.5090

Harmonies

Analogous

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



116.6000, -10.3170, 5.2590



117.8680, 0.7320, 8.7640



118.0710, 10.4060, 9.6540

Triad

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



117.8680, 0.7320, 8.7640



116.1450, 15.5890, -1.6830



112.6060, -19.6220, -7.8300

Complementary

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



117.8680, 0.7320, 8.7640



126.1320, -0.7320, -8.7640

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.



112.8580, -11.6440, -9.2440



117.8680, 0.7320, 8.7640



115.3890, 8.8500, -6.2060

Square

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



117.8680, 0.7320, 8.7640



117.1610, 18.6600, 3.2360



113.8330, -1.3280, -8.9760



113.1590, -22.5570, -4.1970

Rectangle

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



117.8680, 0.7320, 8.7640



118.3550, 15.3580, 8.0140



113.8330, -1.3280, -8.9760



112.4490, -17.7420, -8.8620

Sweetspot

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



117.8680, 0.7320, 8.7640



164.5210, 0.0910, 3.8590



118.9760, -8.6200, 2.0360



82.8800, 0.4580, 2.7140



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



117.8680, 0.7320, 8.7640



149.2150, 1.3730, 13.6690



120.0320, 6.1420, 9.8380



61.8800, 0.4580, 2.7140



38.1420, 4.7580, 56.9660



0.9400, 0.2290, 1.3570

Inverse Universe

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



118.8920, 9.3520, 6.7280



150.6370, 14.6240, 10.3040



123.9680, -6.1420, -9.8380



62.0220, 2.9340, 1.8940



44.7980, 60.7880, 43.7320



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 117.8680, 0.7320, 8.7640 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 117.8680, 0.7320, 8.7640 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 117.8680, 0.7320, 8.7640

Background



This preview shows how black text looks on a background with the YIQ color 117.8680, 0.7320, 8.7640.



This preview shows how white text looks on a background with the YIQ color 117.8680, 0.7320,

8.7640.

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

117.8680, 0.7320, 8.7640

Protanopia

116.5680, -7.2910, 5.4850

Deuteranopia

117.2590, -1.9270, 7.3930



Tritanopia

117.7170, 2.4750, 4.7070

Trichromacy



Original Color

117.8680, 0.7320, 8.7640

Protanomaly

117.0630, -4.3110, 6.5450

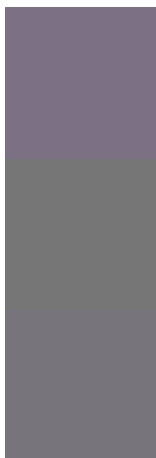
Deuteranomaly

117.5580, -1.3310, 7.6050

Tritanomaly

117.4720, 1.7870, 6.1630

Monochromacy



Original Color

117.8680, 0.7320, 8.7640

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.9940, 0.1370, 3.0250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.8680, 0.7320, 8.7640 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(124, 112, 132)` looks like.

```
.text, #text, p{  
    color:rgb(124, 112, 132)  
}
```

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(124, 112, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 112, 132) }
```

Border

The CSS property to change the border of an element to YIQ 117.8680, 0.7320, 8.7640 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(124, 112, 132) }
```


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

```
.border{ border-color:rgb(124, 112, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 112, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 112, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 112, 132);  
box-shadow:4px 4px 4px 4px rgb(124, 112,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 117.8680, 0.7320, 8.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 112, 132) }
```

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

```
.background{ background-color: rgb(124,  
112, 132) }
```

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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