

Converting Colors

YIQ(118.7320, -1.8810, 6.5590)

Have a look what the booklet for
YIQ(118.7320, -1.8810, 6.5590)
contains.

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Color

**YIQ(118.7320, -1.8810,
6.5590)**

Conversions

Conversions Part 1

Format	Color
Hex	797384
RGB	121, 115, 132
RGB Percent	47%, 45%, 52%
CMY	0.5255, 0.5490, 0.4824
CMYK	0.08, 0.13, 0.00, 0.48
HSL	261°, 7%, 48%
HSV	261°, 13%, 52%
XYZ	18.1810, 17.9921, 24.3425
YIQ	118.7320, -1.8810, 6.5590

Conversions

Conversions Part 2

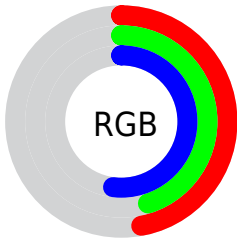
Format	Color
R_{YB}	121, 115, 132
Decimal	7959428
CIE _{Lab}	49.49, 5.82, -8.48
CIE _{LCh}	49, 10.284, 304.478
Yxy	17.9921, 0.3004, 0.2973
Android (android.graphics.Color)	4286149508 (0xFF797384)
YUV	118.7320, 6.5411, 1.9890
Hunter-Lab	42.4171, 2.2795, -4.3336

Details

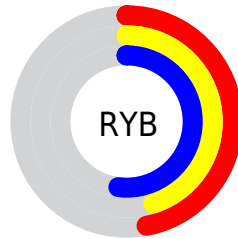
The YIQ color **118.7320, -1.8810, 6.5590** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **128.2680, 1.8810, -6.5590**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.8460, -2.2020, 6.8700**, and **70.3190, -2.1560, 6.0360** is the 20% darker color. If you saturate the color by 10%, you get **108.4100, -3.6700, 11.4500**, and if you desaturate by 10%, it is **129.0540, -0.0920, 1.6680**.

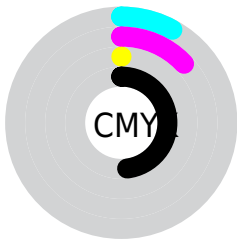
Distribution



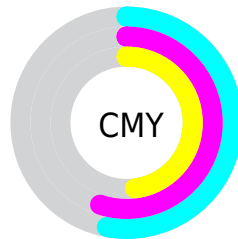
- Red (47%)
- Green (45%)
- Blue (52%)



- Red (47%)
- Yellow (45%)
- Blue (52%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (48%)



- Cyan (53%)
- Magenta (55%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.7320, -1.8810, 6.5590 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 118.7320, -1.8810, 6.5590 by changing the saturation by 10% instead.

■ 118.7320, -1.8810,
6.5590

■ 118.7320, -1.8810,
6.5590

■ 255.0000, -0.0000,
-0.0000

■ 93.7320, -1.8810,
6.5590

■ 170.8460, -2.2020,
6.8700

■ 70.3190, -2.1560,
6.0360

■ 198.2590, -1.9270,
7.3930

■ 48.2050, -1.8350,
5.7250

■ 226.2590, -1.9270,
7.3930

■ 27.0910, -1.5140,
5.4140

■ 252.6520, 1.1000,
2.0920

■ 2.2370, -4.8610,
5.4990

■ 0.0000, 0.0000,
0.0000

■ 118.7320, -1.8810,
6.5590

■ 118.7320, -1.8810,
6.5590

■ 108.4100, -3.6700,
11.4500

■ 129.0540, -0.0920,
1.6680

■ 98.3870, -4.8630,
16.5530

■ 139.0770, 1.1010,
-3.4350

■ 87.4780, -6.3770,
21.9670

■ 149.9860, 2.6150,
-8.8490

■ 77.4550, -7.5700,
27.0700

■ 160.0090, 3.8080,
-13.9520

■ 67.1330, -9.3590,
31.9610

■ 170.3310, 5.5970,
-18.8430

■ 57.1100, -10.5520,
37.0640

■ 180.3540, 6.7900,
-23.9460

■ 46.7880, -12.3410,
41.9550

■ 190.6760, 8.5790,
-28.8370

■ 36.1780, -13.2590,

■ 201.2860, 9.4970,

47.5810

-34.4630

■ 29.1010, -14.3600,
51.0160

■ 211.6080, 11.2860,
-39.3540

Harmonies

Analogous

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



117.5460, -10.2250, 3.5910



118.7320, -1.8810, 6.5590



119.4510, 6.2800, 7.3360

Triad

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



118.7320, -1.8810, 6.5590



118.3020, 13.7090, -0.6510



114.7700, -14.2120, -6.7560

Complementary

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



118.7320, -1.8810, 6.5590



128.2680, 1.8810, -6.5590

Split Complementary

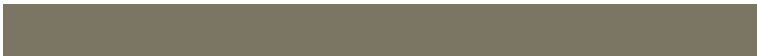
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



115.2500, -6.8760, -7.5480



118.7320, -1.8810, 6.5590



116.8560, 9.0330, -4.0150

Square

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



118.7320, -1.8810, 6.5590



118.7200, 15.5880, 3.8440



116.2680, 1.8810, -6.5590



114.4970, -17.6970, -4.1690

Rectangle

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



118.7320, -1.8810, 6.5590



119.4900, 10.5440, 7.1520



116.2680, 1.8810, -6.5590



115.0260, -12.0570, -7.2650

Sweetspot

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



118.7320, -1.8810, 6.5590



165.3960, -1.0550, 2.6010



123.3950, -8.4820, -0.4660



83.1680, -0.4130, 1.9790



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.



118.7320, -1.8810, 6.5590



150.6550, -2.9820, 9.9940



121.1240, 2.8870, 8.2550



61.2820, -0.7340, 2.2900



28.5740, -14.3140, 50.1820



0.6410, -0.3670, 1.1450

Inverse Universe

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



121.3370, 6.6010, 7.0250



154.7120, 10.0390, 10.7990



125.8760, -2.8870, -8.2550



62.2500, 2.2920, 2.5160



48.4460, 50.5160, 53.6840



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 118.7320, -1.8810, 6.5590 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 118.7320, -1.8810, 6.5590 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 118.7320, -1.8810, 6.5590

Background



This preview shows how black text looks on a background with the YIQ color 118.7320, -1.8810, 6.5590.



This preview shows how white text looks on a background with the YIQ color 118.7320, -1.8810,

6.5590.

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

118.7320, -1.8810, 6.5590

Protanopia

118.2260, -6.3280, 4.5520

Deuteranopia

119.0310, -1.2850, 6.7710



Tritanopia

118.2220, -0.5050, 3.6470

Trichromacy



Original Color

118.7320, -1.8810, 6.5590

Protanomaly

118.2370, -4.8610, 5.4990

Deuteranomaly

119.0310, -1.2850, 6.7710

Tritanomaly

118.5640, -1.4680, 4.5800

Monochromacy



Original Color

118.7320, -1.8810, 6.5590

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.2820, -0.7340, 2.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.7320, -1.8810, 6.5590 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(121, 115, 132)` looks like.

```
.text, #text, p{  
    color:rgb(121, 115, 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(121, 115, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 115, 132) }
```

Border

The CSS property to change the border of an element to YIQ 118.7320, -1.8810, 6.5590 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(121, 115, 132) }
```


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

```
.border{ border-color:rgb(121, 115, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 115, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 115, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 115, 132);  
box-shadow:4px 4px 4px 4px rgb(121, 115,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 118.7320, -1.8810, 6.5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 115, 132) }
```

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

```
.background{ background-color: rgb(121,  
115, 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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