

Converting Colors

YIQ(119.3970, 6.3720, 5.6680)

Have a look what the booklet for
YIQ(119.3970, 6.3720, 5.6680)
contains.

YIQ(119.3970, 6.3720, 5.6680)	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(119.3970, 6.3720,
5.6680)**

Conversions

Conversions Part 1

Format	Color
Hex	81727A
RGB	129, 114, 122
RGB Percent	51%, 45%, 48%
CMY	0.4941, 0.5530, 0.5215
CMYK	0.00, 0.12, 0.05, 0.49
HSL	328°, 6%, 48%
HSV	328°, 12%, 51%
XYZ	18.5846, 18.1064, 20.9293
YIQ	119.3970, 6.3720, 5.6680

Conversions

Conversions Part 2

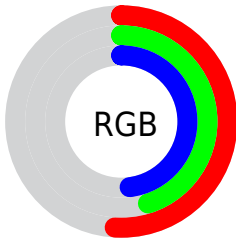
Format	Color
R_{YB}	129, 114, 122
Decimal	8483450
CIE _{Lab}	49.62, 7.34, -2.28
CIE _{LCh}	50, 7.686, 342.766
Yxy	18.1064, 0.3225, 0.3142
Android (android.graphics.Color)	4286673530 (0xFF81727A)
YUV	119.3970, 1.2833, 8.4218
Hunter-Lab	42.5516, 3.4952, 0.6239

Details

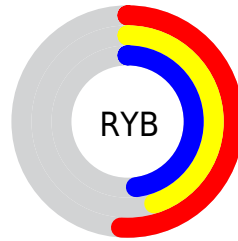
The YIQ color **119.3970, 6.3720, 5.6680** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **123.6030, -6.3720, -5.6680**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6960, 6.9680, 5.8800**, and **70.9840, 6.0970, 5.1450** is the 20% darker color. If you saturate the color by 10%, you get **111.0820, 11.8730, 10.6010**, and if you desaturate by 10%, it is **127.7120, 0.8710, 0.7350**.

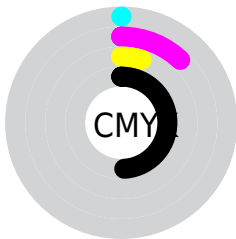
Distribution



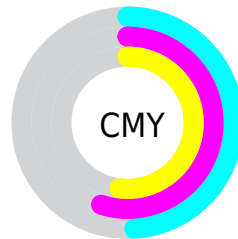
- Red (51%)
- Green (45%)
- Blue (48%)



- Red (51%)
- Yellow (45%)
- Blue (48%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (49%)



- Cyan (49%)
- Magenta (55%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.3970, 6.3720, 5.6680 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 119.3970, 6.3720, 5.6680 by changing the saturation by 10% instead.

■ 119.3970, 6.3720,
5.6680

■ 119.3970, 6.3720,
5.6680

255.0000, -0.0000,
-0.0000

■ 94.3970, 6.3720,
5.6680

■ 171.6960, 6.9680,
5.8800

■ 70.9840, 6.0970,
5.1450

■ 199.1090, 7.2430,
6.4030

■ 48.6850, 5.5010,
4.9330

■ 227.1090, 7.2430,
6.4030

■ 27.3860, 4.9050,
4.7210

■ 251.4780, 1.6500,
3.1380

■ 4.3430, 6.4640,
4.0000

■ 0.0000, 0.0000,
0.0000

■ 119.3970, 6.3720,
5.6680

■ 119.3970, 6.3720,
5.6680

■ 111.0820, 11.8730,
10.6010

■ 127.7120, 0.8710,
0.7350

■ 102.7670, 17.3740,
15.5340

■ 136.0270, -4.6300,
-4.1980

■ 94.4520, 22.8750,
20.4670

■ 144.3420,
-10.1310, -9.1310

■ 86.1370, 28.3760,
25.4000

■ 152.6570,
-15.6320, -14.0640

■ 77.8220, 33.8770,
30.3330

■ 160.9720,
-21.1330, -18.9970

■ 70.0940, 39.1030,
34.7430

■ 168.7000,
-26.3590, -23.4070

■ 61.7790, 44.6040,
39.6760

■ 177.0150,
-31.8600, -28.3400

■ 53.4640, 50.1050,

■ 185.3300,

44.6090

-37.3610, -33.2730

■ 46.4370, 54.7350,
48.8070

■ 193.6450,
-42.8620, -38.2060

Harmonies

Analogous

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



118.8740, 0.5950, 5.7390



119.3970, 6.3720, 5.6680



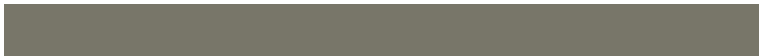
119.4960, 10.4070, 4.1270

Triad

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



119.3970, 6.3720, 5.6680



117.1160, 5.3650, -3.6190



116.0030, -13.2500, -2.1620

Complementary

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



119.3970, 6.3720, 5.6680



123.6030, -6.3720, -5.6680

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.



115.9060, -11.5990, -4.5510



119.3970, 6.3720, 5.6680



116.5390, -0.3200, -5.2160

Square

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



119.3970, 6.3720, 5.6680



118.1490, 9.7660, -0.7780



116.3040, -6.9680, -5.8800



117.2530, -10.9580, 0.3540

Rectangle

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



119.3970, 6.3720, 5.6680



119.0400, 11.6910, 2.8830



116.3040, -6.9680, -5.8800



116.3620, -12.8830, -3.3070

Sweetspot

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



119.3970, 6.3720, 5.6680



164.8370, 2.0170, 1.9930



117.8030, -0.6430, 6.1490



82.1250, 1.1460, 1.2580



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.



119.3970, 6.3720, 5.6680



153.2450, 9.8560, 8.6080



118.5990, 8.6190, 3.4910



59.5490, 2.8880, 2.7280



46.0240, 54.4600, 48.2840



0.0000, 0.0000, 0.0000

Inverse Universe

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



119.3970, 6.3720, 5.6680



153.2450, 9.8560, 8.6080



124.4010, -8.6190, -3.4910



59.5490, 2.8880, 2.7280



46.0240, 54.4600, 48.2840



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 119.3970, 6.3720, 5.6680 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 119.3970, 6.3720, 5.6680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

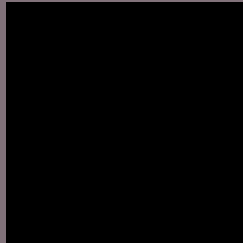
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.3970, 6.3720, 5.6680

Background



This preview shows how black text looks on a background with the YIQ color 119.3970, 6.3720, 5.6680.



This preview shows how white text looks on a background with the YIQ color 119.3970, 6.3720,

5.6680.

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

119.3970, 6.3720, 5.6680

Protanopia

118.0970, -1.6510, 2.3890

Deuteranopia

119.0980, 5.7760, 5.4560



Tritanopia

119.5110, 6.0510, 5.9790

Trichromacy



Original Color

119.3970, 6.3720, 5.6680

Protanomaly

118.5920, 1.3290, 3.4490

Deuteranomaly

119.0980, 5.7760, 5.4560

Tritanomaly

119.5110, 6.0510, 5.9790

Monochromacy



Original Color

119.3970, 6.3720, 5.6680

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.1360, 2.6130, 2.2050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.3970, 6.3720, 5.6680 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, 114, 122)` looks like.

```
.text, #text, p{  
    color:rgb(129, 114, 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, 114, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 114, 122) }
```

Border

The CSS property to change the border of an element to YIQ 119.3970, 6.3720, 5.6680 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, 114, 122) }
```


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

```
.border{ border-color:rgb(129, 114, 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, 114, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 114, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 114, 122);  
box-shadow:4px 4px 4px 4px rgb(129, 114,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 119.3970, 6.3720, 5.6680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 114, 122) }
```

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

```
.background{ background-color: rgb(129,  
114, 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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