

Converting Colors

YIQ(120.3480, -9.1270, 16.7370)

Have a look what the booklet for
YIQ(120.3480, -9.1270, 16.7370)
contains.

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Color

**YIQ(120.3480, -9.1270,
16.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	7A709F
RGB	122, 112, 159
RGB Percent	48%, 44%, 62%
CMY	0.5215, 0.5608, 0.3765
CMYK	0.23, 0.30, 0.00, 0.38
HSL	253°, 20%, 53%
HSV	253°, 30%, 62%
XYZ	20.0781, 18.2286, 35.2527
YIQ	120.3480, -9.1270, 16.7370

Conversions

Conversions Part 2

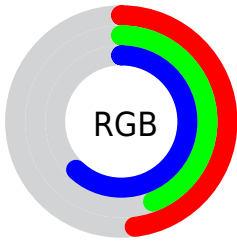
Format	Color
R_{YB}	122, 112, 159
Decimal	8024223
CIE _{Lab}	49.77, 14.28, -23.93
CIE _{LCh}	50, 27.869, 300.825
Yxy	18.2286, 0.2730, 0.2478
Android (android.graphics.Color)	4286214303 (0xFF7A709F)
YUV	120.3480, 19.0554, 1.4488
Hunter-Lab	42.6949, 9.2268, -19.0686

Details

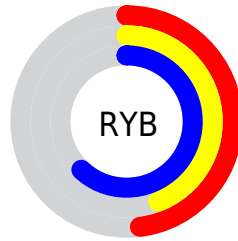
The YIQ color **120.3480, -9.1270, 16.7370** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **150.6520, 9.1270, -16.7370**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.9890, -9.4940, 17.8820**, and **71.2940, -9.0350, 15.0690** is the 20% darker color. If you saturate the color by 10%, you get **107.3680, -11.8790, 22.5610**, and if you desaturate by 10%, it is **133.6270, -5.7790, 11.1250**.

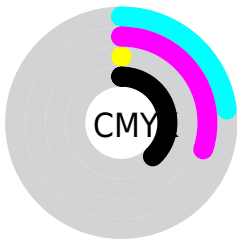
Distribution



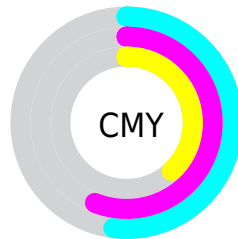
- Red (48%)
- Green (44%)
- Blue (62%)



- Red (48%)
- Yellow (44%)
- Blue (62%)



- Cyan (23%)
- Magenta (30%)
- Yellow (0%)
- Black (38%)



- Cyan (52%)
- Magenta (56%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.3480, -9.1270, 16.7370 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 120.3480, -9.1270, 16.7370 by changing the saturation by 10% instead.

■ 120.3480, -9.1270,
16.7370

■ 120.3480, -9.1270,
16.7370

■ 255.0000, -0.0000,
-0.0000

■ 95.8210, -9.0810,
15.9030

■ 172.9890, -9.4940,
17.8820

■ 71.2940, -9.0350,
15.0690

■ 200.4020, -9.2190,
18.4050

■ 48.7670, -8.9890,
14.2350

■ 226.6920, -4.4040,
13.7400

■ 27.2290, -10.4100,
12.4540

■ 250.3040, 2.2000,
4.1840

■ 5.8270, -9.2180,
12.8780

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,

0.0000

■ 120.3480, -9.1270,
16.7370

■ 120.3480, -9.1270,
16.7370

■ 107.3680,
-11.8790, 22.5610

■ 133.6270, -5.7790,
11.1250

■ 94.0890, -15.2270,
28.1730

■ 146.6070, -3.0270,
5.3010

■ 80.8100, -18.5750,
33.7850

■ 159.8860, 0.3210,
-0.3110

■ 67.8300, -21.3270,
39.6090

■ 172.8660, 3.0730,
-6.1350

■ 55.1380, -24.9500,
44.6980

■ 185.5580, 6.6960,
-11.2240

■ 42.1580, -27.7020,
50.5220

■ 198.5380, 9.4480,
-17.0480

■ 28.8790, -31.0500,
56.1340

■ 211.8170, 12.7960,
-22.6600

■ 28.2920, -30.7750,
56.6570

■ 224.7970, 15.5480,
-28.4840

■ 238.0760, 18.8960,
-34.0960

Harmonies

Analogous

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



114.9640, -34.7090, 6.7870



120.3480, -9.1270, 16.7370



121.7870, 14.6220, 21.3580

Triad

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



120.3480, -9.1270, 16.7370



118.6220, 36.1750, -0.3130



105.2990, -44.1030, -21.2150

Complementary

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



120.3480, -9.1270, 16.7370



150.6520, 9.1270, -16.7370

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.



110.4730, -18.2900, -20.9620



120.3480, -9.1270, 16.7370



116.5400, 24.3020, -10.9140

Square

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



120.3480, -9.1270, 16.7370



119.7400, 39.1990, 10.9670



114.1570, 6.1470, -17.7970



99.9730, -66.4320, -18.5280

Rectangle

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



120.3480, -9.1270, 16.7370



121.6050, 26.8180, 20.5940



114.1570, 6.1470, -17.7970



107.3770, -35.5750, -21.5830

Sweetspot

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



120.3480, -9.1270, 16.7370



191.3620, -3.7150, 6.7570



139.6640, -25.5370, -5.2570



95.2650, -2.0640, 4.3680



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



120.3480, -9.1270, 16.7370



147.1060, -13.8970, 26.0950



127.2250, 4.5810, 21.6130



72.5100, -1.3760, 2.9120



25.2720, -28.0230, 50.8330



2.6070, -3.0270, 5.3010

Inverse Universe

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



130.2710, 16.1350, 21.4710



162.3250, 25.2110, 33.2030



143.7750, -4.5810, -21.6130



74.0760, 2.8420, 3.5620



55.5250, 49.2760, 65.1480



5.8530, 5.0880, 6.9120

Previews

White Background



This preview shows how the YIQ color 120.3480, -9.1270, 16.7370 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 120.3480, -9.1270, 16.7370 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 120.3480, -9.1270, 16.7370

Background



This preview shows how black text looks on a background with the YIQ color 120.3480, -9.1270, 16.7370.



This preview shows how white text looks on a background with the YIQ color 120.3480, -9.1270,

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

120.3480, -9.1270, 16.7370

Protanopia

118.6560, -21.9180, 11.7620

Deuteranopia

118.9830, -18.5250, 10.8430



Tritanopia

118.4280, -4.0810, 2.3750

Trichromacy



Original Color

120.3480, -9.1270, 16.7370

Protanomaly

119.1620, -17.4710, 13.7690

Deuteranomaly

119.3040, -14.9950, 12.9490

Tritanomaly

119.2200, -6.1910, 7.5770

Monochromacy



Original Color

120.3480, -9.1270, 16.7370

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.1340, -3.0730, 6.1350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.3480, -9.1270, 16.7370 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(122, 112, 159)` looks like.

```
.text, #text, p{  
    color:rgb(122, 112, 159)  
}
```

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(122, 112, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 112, 159) }
```

Border

The CSS property to change the border of an element to YIQ 120.3480, -9.1270, 16.7370 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(122, 112, 159) }
```


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

```
.border{ border-color:rgb(122, 112, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 112, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 112, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 112, 159);  
box-shadow:4px 4px 4px 4px rgb(122, 112,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 120.3480, -9.1270, 16.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 112, 159) }
```

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

```
.background{ background-color: rgb(122,  
112, 159) }
```

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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