

Converting Colors

YIQ(111.1890, 4.2620, 10.8700)

Have a look what the booklet for
YIQ(111.1890, 4.2620, 10.8700)
contains.

YIQ(111.1890, 4.2620, 10.8700)	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(111.1890, 4.2620,
10.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	7A677D
RGB	122, 103, 125
RGB Percent	48%, 40%, 49%
CMY	0.5215, 0.5961, 0.5098
CMYK	0.02, 0.18, 0.00, 0.51
HSL	292°, 10%, 45%
HSV	292°, 18%, 49%
XYZ	16.5793, 15.3183, 21.4849
YIQ	111.1890, 4.2620, 10.8700

Conversions

Conversions Part 2

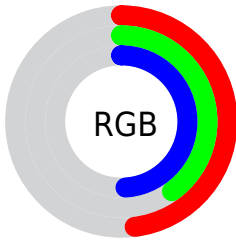
Format	Color
R_{YB}	122, 103, 125
Decimal	8021885
CIE Lab	46.07, 11.84, -9.42
CIE LCh	46, 15.132, 321.480
Yxy	15.3183, 0.3106, 0.2870
Android (android.graphics.Color)	4286211965 (0xFF7A677D)
YUV	111.1890, 6.8088, 9.4812
Hunter-Lab	39.1385, 7.1211, -5.1500

Details

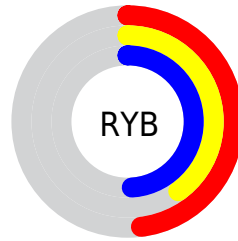
The YIQ color $[111.1890, 4.2620, 10.8700]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[116.8110, -4.2620, -10.8700]$, and the grayscale version is $[111.0000, -0.0000, 0.0000]$.

A 20% lighter version of the original color is $[163.0150, 4.8120, 11.9160]$, and $[63.3630, 3.7120, 9.8240]$ is the 20% darker color. If you saturate the color by 10%, you get $[102.9600, 6.6450, 17.2450]$, and if you desaturate by 10%, it is $[118.8310, 2.1540, 5.0180]$.

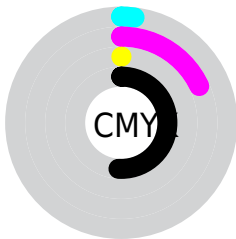
Distribution



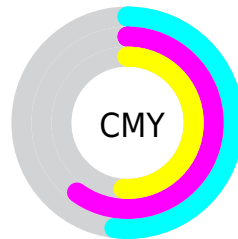
- Red (48%)
- Green (40%)
- Blue (49%)



- Red (48%)
- Yellow (40%)
- Blue (49%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (51%)



- Cyan (52%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.1890, 4.2620, 10.8700 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 111.1890, 4.2620, 10.8700 by changing the saturation by 10% instead.

■ 111.1890, 4.2620,
10.8700

■ 111.1890, 4.2620,
10.8700

■ 255.0000, -0.0000,
-0.0000

■ 86.7760, 3.9870,
10.3470

■ 163.0150, 4.8120,
11.9160

■ 63.3630, 3.7120,
9.8240

■ 190.0150, 4.8120,
11.9160

■ 40.9500, 3.4370,
9.3010

■ 218.0150, 4.8120,
11.9160

■ 19.9500, 3.4370,
9.3010

■ 244.4340, 4.9500,
9.4140

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,
0.0000

■ 111.1890, 4.2620,
10.8700

■ 111.1890, 4.2620,
10.8700

■ 102.9600, 6.6450,
17.2450

■ 118.8310, 2.1540,
5.0180

■ 95.6170, 9.3490,
23.3090

■ 126.7610, -0.8250,
-1.5690

■ 87.3880, 11.7320,
29.6840

■ 134.4030, -2.9330,
-7.4210

■ 79.7460, 13.8400,
35.5360

■ 142.6320, -5.3160,
-13.7960

■ 71.8160, 16.8190,
42.1230

■ 149.9750, -8.0200,
-19.8600

■ 64.1740, 18.9270,
47.9750

■ 158.2040,
-10.4030, -26.2350

■ 55.9450, 21.3100,
54.3500

■ 165.8460,
-12.5110, -32.0870

■ 48.3030, 23.4180,

■ 174.0750,

60.2020

-14.8940, -38.4620

■ 46.5420, 24.2430,
61.7710

■ 181.4180,
-17.5980, -44.5260

Harmonies

Analogous

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



109.9640, -8.3460, 8.0860



111.1890, 4.2620, 10.8700



111.0500, 14.8990, 10.8270

Triad

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



111.1890, 4.2620, 10.8700



108.8630, 16.3230, -3.9730



103.6700, -25.6740, -8.2820

Complementary

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



111.1890, 4.2620, 10.8700



116.8110, -4.2620, -10.8700

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.



104.5800, -16.7330, -10.6290



111.1890, 4.2620, 10.8700



107.4380, 7.1540, -8.5100

Square

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



111.1890, 4.2620, 10.8700



110.1890, 21.4570, 2.1050



105.9250, -4.5830, -10.5590



105.1200, -26.8210, -4.0130

Rectangle

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



111.1890, 4.2620, 10.8700



111.0350, 19.2550, 8.9750



105.9250, -4.5830, -10.5590



103.8120, -23.1980, -9.1020

Sweetspot

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



111.1890, 4.2620, 10.8700



158.0050, 1.6040, 3.9720



107.2690, -7.8870, 5.2730



78.7660, 0.7790, 2.4030



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



111.1890, 4.2620, 10.8700



141.8460, 6.9660, 16.9340



111.1740, 8.6180, 9.0180



59.5920, 1.3290, 3.4490



47.4820, 24.4720, 63.1280



0.0000, 0.0000, 0.0000

Inverse Universe

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



109.9200, 12.1490, 5.5970



139.7360, 18.6590, 8.7630



116.8260, -8.6180, -9.0180



59.2070, 3.8510, 1.7950



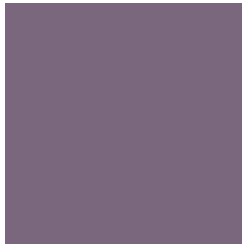
40.2100, 70.8310, 32.4230



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 111.1890, 4.2620, 10.8700 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 111.1890, 4.2620, 10.8700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

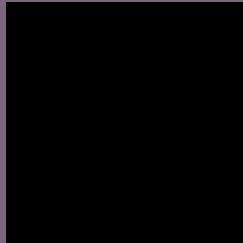
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.1890, 4.2620, 10.8700

Background



This preview shows how black text looks on a background with the YIQ color 111.1890, 4.2620, 10.8700.



This preview shows how white text looks on a background with the YIQ color 111.1890, 4.2620,

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

111.1890, 4.2620, 10.8700

Protanopia

109.3830, -8.2080, 5.5840

Deuteranopia

110.1450, -1.6060, 7.0820



Tritanopia

110.3970, 6.3720, 5.6680

Trichromacy



Original Color

111.1890, 4.2620, 10.8700

Protanomaly

109.8890, -3.7610, 7.5910

Deuteranomaly

110.4550, 0.4570, 8.2410

Tritanomaly

110.5650, 5.9590, 7.6470

Monochromacy



Original Color

111.1890, 4.2620, 10.8700

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.0050, 1.6040, 3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.1890, 4.2620, 10.8700 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, 103, 125)` looks like.

```
.text, #text, p{  
    color:rgb(122, 103, 125)  
}
```

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, 103, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 103, 125) }
```

Border

The CSS property to change the border of an element to YIQ 111.1890, 4.2620, 10.8700 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, 103, 125) }
```


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

```
.border{ border-color:rgb(122, 103, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 103, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 103, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 103, 125);  
box-shadow:4px 4px 4px 4px rgb(122, 103,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 111.1890, 4.2620, 10.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 103, 125) }
```

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

```
.background{ background-color: rgb(122,  
103, 125) }
```

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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