

Converting Colors

YIQ(99.2790, 4.4890, 23.2810)

Have a look what the booklet for
YIQ(99.2790, 4.4890, 23.2810)
contains.

YIQ(99.2790, 4.4890, 23.2810)	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(99.2790, 4.4890,
23.2810)**

Conversions

Conversions Part 1

Format	Color
Hex	765386
RGB	118, 83, 134
RGB Percent	46%, 33%, 53%
CMY	0.5371, 0.6746, 0.4745
CMYK	0.12, 0.38, 0.00, 0.47
HSL	281°, 24%, 43%
HSV	281°, 38%, 53%
XYZ	14.8700, 11.7590, 24.0382
YIQ	99.2790, 4.4890, 23.2810

Conversions

Conversions Part 2

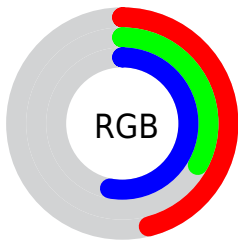
Format	Color
R _Y B	118, 83, 134
Decimal	7754630
CIE Lab	40.83, 24.46, -22.89
CIE LCh	41, 33.502, 316.895
Yxy	11.7590, 0.2935, 0.2321
Android (android.graphics.Color)	4285944710 (0xFF765386)
YUV	99.2790, 17.1175, 16.4183
Hunter-Lab	34.2913, 17.3945, -17.5583

Details

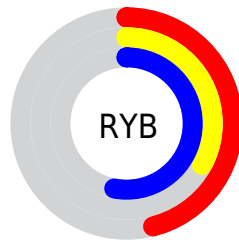
The YIQ color **99.2790, 4.4890, 23.2810** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **117.7210, -4.4890, -23.2810**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5180, 5.3140, 24.8500**, and **51.6270, 3.3890, 21.1890** is the 20% darker color. If you saturate the color by 10%, you get **90.4520, 5.6800, 29.2320**, and if you desaturate by 10%, it is **108.1060, 3.2980, 17.3300**.

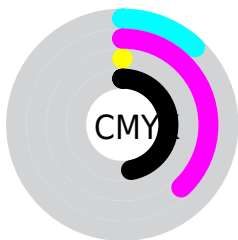
Distribution



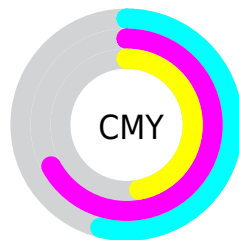
- Red (46%)
- Green (33%)
- Blue (53%)



- Red (46%)
- Yellow (33%)
- Blue (53%)



- Cyan (12%)
- Magenta (38%)
- Yellow (0%)
- Black (47%)



- Cyan (54%)
- Magenta (67%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.2790, 4.4890, 23.2810 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 99.2790, 4.4890, 23.2810 by changing the saturation by 10% instead.

■ 99.2790, 4.4890,
23.2810

■ 99.2790, 4.4890,
23.2810

■ 255.0000, -0.0000,
-0.0000

■ 74.8660, 4.2140,
22.7580

■ 150.5180, 5.3140,
24.8500

■ 51.6270, 3.3890,
21.1890

■ 177.3440, 5.8640,
25.8960

■ 29.2140, 3.1140,
20.6660

■ 205.4580, 5.5430,
26.2070

■ 12.5190, 3.5730,
17.8530

■ 230.9330, 11.2750,
21.4430

■ 2.4110, -5.4110,
4.4530

■ 247.9560, 3.3000,
6.2760

■ 0.0000, 0.0000,
0.0000

■ 99.2790, 4.4890,
23.2810

■ 99.2790, 4.4890,
23.2810

■ 90.4520, 5.6800,
29.2320

■ 108.1060, 3.2980,
17.3300

■ 81.0380, 7.1460,
35.7060

■ 117.5200, 1.8320,
10.8560

■ 71.9120, 7.7410,
41.4450

■ 126.6460, 1.2370,
5.1170

■ 62.4980, 9.2070,
47.9190

■ 136.0600, -0.2290,
-1.3570

■ 53.6710, 10.3980,
53.8700

■ 144.8870, -1.4200,
-7.3080

■ 44.8440, 11.5890,
59.8210

■ 153.7140, -2.6110,
-13.2590

■ 42.7840, 11.8180,
61.1780

■ 163.1280, -4.0770,
-19.7330

■ 172.2540, -4.6720,

-25.4720

■ 181.6680, -6.1380,
-31.9460

Harmonies

Analogous

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



95.4860, -27.1910, 13.7130



99.2790, 4.4890, 23.2810



98.6100, 28.4220, 24.5660

Triad

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



99.2790, 4.4890, 23.2810



94.9820, 34.8010, -8.4550



77.2240, -65.8810, -23.0090

Complementary

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



99.2790, 4.4890, 23.2810



117.7210, -4.4890, -23.2810

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.



78.2290, -47.0820, -27.8020



99.2790, 4.4890, 23.2810



92.4910, 16.8300, -18.6740

Square

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



99.2790, 4.4890, 23.2810



95.6170, 43.7390, 5.7790



88.4540, -8.1110, -23.7190



78.9000, -73.3560, -14.1880

Rectangle

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



99.2790, 4.4890, 23.2810



97.1780, 38.3260, 21.2860



88.4540, -8.1110, -23.7190



76.1980, -62.9920, -25.8080

Sweetspot

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



99.2790, 4.4890, 23.2810



160.0530, 1.6490, 8.6650



98.2060, -20.7710, 7.4930



78.7600, 0.9160, 5.4280



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.



99.2790, 4.4890, 23.2810



119.1520, 6.8250, 36.0170



103.0370, 16.9140, 23.8740



61.8800, 0.4580, 2.7140



41.4310, 11.3140, 59.2980



0.9400, 0.2290, 1.3570

Inverse Universe

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



100.0730, 25.2600, 15.7880



120.4710, 39.0590, 24.5230



113.9630, -16.9140, -23.8740



62.0220, 2.9340, 1.8940



43.5440, 64.3190, 40.3110



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 99.2790, 4.4890, 23.2810 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 99.2790, 4.4890, 23.2810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

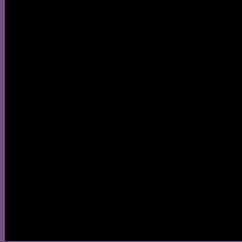
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.2790, 4.4890, 23.2810

Background



This preview shows how black text looks on a background with the YIQ color 99.2790, 4.4890, 23.2810.



This preview shows how white text looks on a background with the YIQ color 99.2790, 4.4890,

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

99.2790, 4.4890, 23.2810

Protanopia

96.1010, -24.6690, 12.0590

Deuteranopia

96.5270, -17.2410, 9.5990



Tritanopia

98.3760, 10.8650, 6.8410

Trichromacy



Original Color

99.2790, 4.4890, 23.2810

Protanomaly

97.4830, -13.9410, 15.8750

Deuteranomaly

97.8810, -9.3100, 14.5460

Tritanomaly

98.6950, 8.7090, 12.8770

Monochromacy



Original Color

99.2790, 4.4890, 23.2810

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.0530, 1.6490, 8.6650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.2790, 4.4890, 23.2810 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(118, 83, 134)` looks like.

```
.text, #text, p{  
    color:rgb(118, 83, 134)  
}
```

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(118, 83, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 83, 134) }
```

Border

The CSS property to change the border of an element to YIQ 99.2790, 4.4890, 23.2810 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(118, 83, 134) }
```


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

```
.border{ border-color:rgb(118, 83, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 83, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 83, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 83, 134);  
box-shadow:4px 4px 4px 4px rgb(118, 83,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 99.2790, 4.4890, 23.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 83, 134) }
```

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

```
.background{ background-color: rgb(118, 83,  
134) }
```

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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