

Converting Colors

YIQ(110.7930, -2.7100, 27.0980)

Have a look what the booklet for
YIQ(110.7930, -2.7100, 27.0980)
contains.

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Color

**YIQ(110.7930, -2.7100,
27.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5EA0
RGB	125, 94, 160
RGB Percent	49%, 37%, 63%
CMY	0.5097, 0.6314, 0.3726
CMYK	0.22, 0.41, 0.00, 0.37
HSL	268°, 26%, 50%
HSV	268°, 41%, 63%
XYZ	18.8071, 14.9028, 35.1358
YIQ	110.7930, -2.7100, 27.0980

Conversions

Conversions Part 2

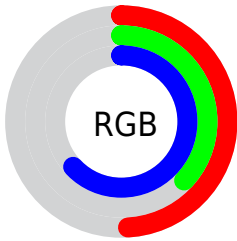
Format	Color
R_{YB}	125, 94, 160
Decimal	8216224
CIE _{Lab}	45.50, 26.27, -31.14
CIE _{LCh}	46, 40.745, 310.148
Yxy	14.9028, 0.2732, 0.2165
Android (android.graphics.Color)	4286406304 (0xFF7D5EA0)
YUV	110.7930, 24.2591, 12.4595
Hunter-Lab	38.6042, 19.4038, -26.9402

Details

The YIQ color **110.7930, -2.7100, 27.0980** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **143.2070, 2.7100, -27.0980**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.1460, -2.2060, 28.9780**, and **62.0270, -3.4890, 24.6950** is the 20% darker color. If you saturate the color by 10%, you get **99.0090, -3.0780, 33.7700**, and if you desaturate by 10%, it is **122.8760, -1.7460, 20.6380**.

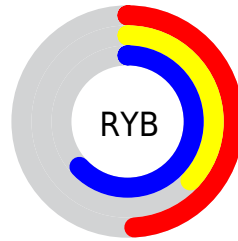
Distribution



Red (49%)

Green (37%)

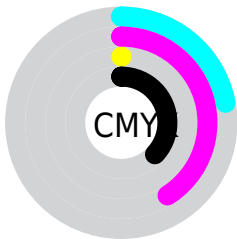
Blue (63%)



Red (49%)

Yellow (37%)

Blue (63%)

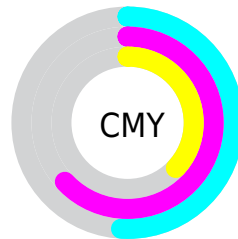


Cyan (22%)

Magenta (41%)

Yellow (0%)

Black (37%)



Cyan (51%)

Magenta (63%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.7930, -2.7100, 27.0980 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 110.7930, -2.7100, 27.0980 by changing the saturation by 10% instead.

■ 110.7930, -2.7100,
27.0980

■ 110.7930, -2.7100,
27.0980

■ 255.0000, -0.0000,
-0.0000

■ 85.9670, -3.2600,
26.0520

■ 163.1460, -2.2060,
28.9780

■ 62.0270, -3.4890,
24.6950

■ 190.6730, -2.2520,
29.8120

■ 39.0870, -3.7180,
23.3380

■ 216.1480, 3.4800,
25.0480

■ 16.3750, -4.5890,
22.6030

■ 238.5640, 7.7000,
14.6440

■ 4.3320, -12.1980,
11.8180

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,

0.0000

■ 110.7930, -2.7100,
27.0980

■ 110.7930, -2.7100,
27.0980

■ 99.0090, -3.0780,
33.7700

■ 122.8760, -1.7460,
20.6380

■ 86.9260, -4.0420,
40.2300

■ 134.6600, -1.3780,
13.9660

■ 75.1420, -4.4100,
46.9020

■ 146.4440, -1.0100,
7.2940

■ 63.0590, -5.3740,
53.3620

■ 158.5270, -0.0460,
0.8340

■ 51.2750, -5.7420,
60.0340

■ 170.3110, 0.3220,
-5.8380

■ 40.6650, -6.6600,
65.6600

■ 182.3940, 1.2860,
-12.2980

■ 194.1780, 1.6540,
-18.9700

■ 206.2610, 2.6180,
-25.4300

■ 218.0450, 2.9860,
-32.1020

Harmonies

Analogous

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



102.7920, -45.6680, 12.6680



110.7930, -2.7100, 27.0980



110.4240, 29.2460, 31.6620

Triad

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



110.7930, -2.7100, 27.0980



105.6690, 45.9880, -7.4520



86.9410, -72.5740, -28.3660

Complementary

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



110.7930, -2.7100, 27.0980



143.2070, 2.7100, -27.0980

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.



86.4470, -50.9320, -35.1240



110.7930, -2.7100, 27.0980



103.4720, 27.0090, -21.4310

Square

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



110.7930, -2.7100, 27.0980



106.6400, 54.1000, 10.7400



98.9290, -2.3790, -28.4830



89.4150, -82.2960, -17.3680

Rectangle

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



110.7930, -2.7100, 27.0980



108.7430, 44.2850, 28.9330



98.9290, -2.3790, -28.4830



84.9860, -68.4470, -31.5750

Sweetspot

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



110.7930, -2.7100, 27.0980



190.4380, -0.8730, 10.3190



122.0690, -30.8110, 2.2210



93.8030, -0.6430, 6.1490



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.



110.7930, -2.7100, 27.0980



131.5070, -4.1800, 42.7320



120.6600, 16.9580, 34.0940



73.1080, -0.1840, 3.3360



36.3350, -5.9710, 58.6770



3.8030, -0.6430, 6.1490

Inverse Universe

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



117.7240, 28.1010, 24.8770



142.3660, 44.3290, 39.1530



133.3400, -16.9580, -34.0940



73.8480, 3.4840, 2.9400



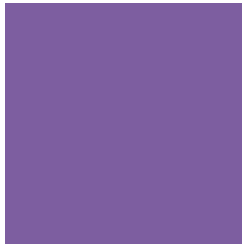
51.4210, 60.8320, 53.9520



5.3970, 6.3720, 5.6680

Previews

White Background



This preview shows how the YIQ color 110.7930, -2.7100, 27.0980 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 110.7930, -2.7100, 27.0980 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 110.7930, -2.7100, 27.0980

Background



This preview shows how black text looks on a background with the YIQ color 110.7930, -2.7100, 27.0980.



This preview shows how white text looks on a background with the YIQ color 110.7930, -2.7100,

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

110.7930, -2.7100, 27.0980

Protanopia

106.7180, -33.6560, 15.2400

Deuteranopia

106.7200, -27.9700, 11.3100



Tritanopia

108.7990, 5.1800, 5.2440

Trichromacy



Original Color

110.7930, -2.7100, 27.0980

Protanomaly

108.3990, -22.3320, 19.2680

Deuteranomaly

108.0850, -18.5720, 17.2040

Tritanomaly

109.2860, 2.6110, 13.2590

Monochromacy



Original Color

110.7930, -2.7100, 27.0980

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.0250, -1.1480, 9.7960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.7930, -2.7100, 27.0980 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(125, 94, 160)` looks like.

```
.text, #text, p{  
    color:rgb(125, 94, 160)  
}
```

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(125, 94, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 94, 160) }
```

Border

The CSS property to change the border of an element to YIQ 110.7930, -2.7100, 27.0980 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(125, 94, 160) }
```


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

```
.border{ border-color:rgb(125, 94, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 94, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 94, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 94, 160);  
box-shadow:4px 4px 4px 4px rgb(125, 94,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 110.7930, -2.7100, 27.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 94, 160) }
```

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

```
.background{ background-color: rgb(125, 94,  
160) }
```

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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