

Converting Colors

YIQ(114.9930, -6.1490, 28.8510)

Have a look what the booklet for
YIQ(114.9930, -6.1490, 28.8510)
contains.

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Color

**YIQ(114.9930, -6.1490,
28.8510)**

Conversions

Conversions Part 1

Format	Color
Hex	7F62AB
RGB	127, 98, 171
RGB Percent	50%, 38%, 67%
CMY	0.5018, 0.6157, 0.3295
CMYK	0.26, 0.43, 0.00, 0.33
HSL	264°, 30%, 53%
HSV	264°, 43%, 67%
XYZ	20.4720, 16.1869, 40.5631
YIQ	114.9930, -6.1490, 28.8510

Conversions

Conversions Part 2

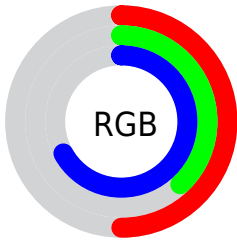
Format	Color
R_{YB}	127, 98, 171
Decimal	8348331
CIE _{Lab}	47.22, 27.22, -34.91
CIE _{LCh}	47, 44.270, 307.946
Yxy	16.1869, 0.2651, 0.2096
Android (android.graphics.Color)	4286538411 (0xFF7F62AB)
YUV	114.9930, 27.6115, 10.5301
Hunter-Lab	40.2329, 20.4199, -31.6136

Details

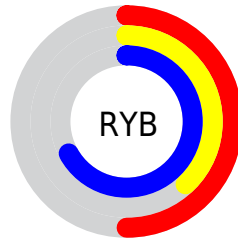
The YIQ color **114.9930, -6.1490, 28.8510** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **154.0070, 6.1490, -28.8510**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4600, -5.9660, 31.0420**, and **66.1130, -6.6070, 26.1370** is the 20% darker color. If you saturate the color by 10%, you get **102.0240, -7.4340, 35.6220**, and if you desaturate by 10%, it is **127.9620, -4.8640, 22.0800**.

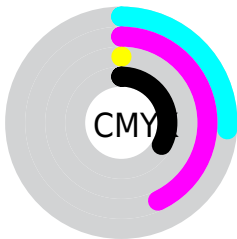
Distribution



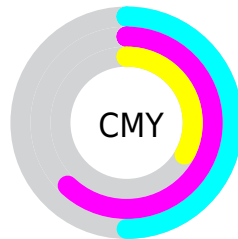
- Red (50%)
- Green (38%)
- Blue (67%)



- Red (50%)
- Yellow (38%)
- Blue (67%)



- Cyan (26%)
- Magenta (43%)
- Yellow (0%)
- Black (33%)



- Cyan (50%)
- Magenta (62%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.9930, -6.1490, 28.8510 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 114.9930, -6.1490, 28.8510 by changing the saturation by 10% instead.

■ 114.9930, -6.1490,
28.8510

■ 114.9930, -6.1490,
28.8510

■ 255.0000, -0.0000,
-0.0000

■ 90.0530, -6.3780,
27.4940

■ 167.4600, -5.9660,
31.0420

■ 66.1130, -6.6070,
26.1370

■ 194.8730, -5.6910,
31.5650

■ 42.8740, -7.4320,
24.5680

■ 219.9800, 3.8930,
23.0690

■ 19.4500, -9.1740,
23.0980

■ 241.4990, 6.3250,
12.0290

■ 5.2440, -14.7660,
14.3060

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,

0.0000

■ 114.9930, -6.1490,
28.8510

■ 114.9930, -6.1490,
28.8510

■ 102.0240, -7.4340,
35.6220

■ 127.9620, -4.8640,
22.0800

■ 88.7560, -9.3150,
42.1810

■ 141.2300, -2.9830,
15.5210

■ 75.7870, -10.6000,
48.9520

■ 154.1990, -1.6980,
8.7500

■ 62.8180, -11.8850,
55.7230

■ 167.1680, -0.4130,
1.9790

■ 49.8490, -13.1700,
62.4940

■ 180.4360, 1.4680,
-4.5800

■ 39.8260, -14.3630,
67.5970

■ 193.9920, 2.4780,
-11.8740

■ 206.9610, 3.7630,
-18.6450

■ 219.9300, 5.0480,
-25.4160

■ 233.1980, 6.9290,
-31.9750

Harmonies

Analogous

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



104.8770, -56.2130, 11.0430



114.9930, -6.1490, 28.8510



114.7170, 29.9790, 34.8990

Triad

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



114.9930, -6.1490, 28.8510



109.4200, 51.1230, -6.9010



90.1040, -74.5910, -30.3590

Complementary

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



114.9930, -6.1490, 28.8510



154.0070, 6.1490, -28.8510

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.



87.8870, -55.2870, -38.7990



114.9930, -6.1490, 28.8510



106.7560, 31.9610, -23.0710

Square

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



114.9930, -6.1490, 28.8510



110.5590, 58.8220, 13.2700



102.7180, -0.4070, -31.1830



93.6210, -85.8720, -18.6400

Rectangle

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



114.9930, -6.1490, 28.8510



111.9330, 46.8060, 32.8060



102.7180, -0.4070, -31.1830



88.6220, -70.4180, -34.4020

Sweetspot

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



114.9930, -6.1490, 28.8510



199.5950, -2.7530, 11.3510



132.7370, -35.8080, -0.8320



98.1450, -1.6060, 7.0820



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



114.9930, -6.1490, 28.8510



135.3370, -9.4530, 44.6830



125.4580, 14.7110, 36.2710



79.9230, -1.1010, 3.4350



35.0400, -12.3900, 59.3700



5.3130, -2.0190, 9.0610

Inverse Universe

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



124.8430, 29.3840, 29.1600



150.5390, 45.5200, 45.1040



143.5420, -14.7110, -36.2710



81.2610, 3.7590, 3.4630



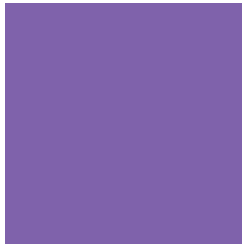
55.2240, 60.1890, 60.1010



8.4730, 9.2140, 9.2300

Previews

White Background



This preview shows how the YIQ color 114.9930, -6.1490, 28.8510 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 114.9930, -6.1490, 28.8510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

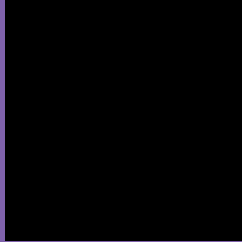
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.9930, -6.1490, 28.8510

Background



This preview shows how black text looks on a background with the YIQ color 114.9930, -6.1490, 28.8510.



This preview shows how white text looks on a background with the YIQ color 114.9930, -6.1490,

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

114.9930, -6.1490, 28.8510

Protanopia

110.3200, -38.2870, 16.5690

Deuteranopia

110.6100, -33.4720, 11.9040



Tritanopia

113.0050, 1.6040, 3.9720

Trichromacy



Original Color

114.9930, -6.1490, 28.8510

Protanomaly

112.3000, -26.3670, 20.8090

Deuteranomaly

112.2740, -23.4780, 18.0100

Tritanomaly

114.0190, -1.0110, 12.8210

Monochromacy



Original Color

114.9930, -6.1490, 28.8510

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.9540, -2.3860, 10.2060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.9930, -6.1490, 28.8510 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(127, 98, 171)` looks like.

```
.text, #text, p{  
    color:rgb(127, 98, 171)  
}
```

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(127, 98, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 98, 171) }
```

Border

The CSS property to change the border of an element to YIQ 114.9930, -6.1490, 28.8510 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(127, 98, 171) }
```


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

```
.border{ border-color:rgb(127, 98, 171) }
```

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

Here you see how a box with a 4 pixel rgb(127, 98, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 98, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 98, 171);  
box-shadow:4px 4px 4px 4px rgb(127, 98,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 114.9930, -6.1490, 28.8510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 98, 171) }
```

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

```
.background{ background-color: rgb(127, 98,  
171) }
```

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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