

Converting Colors

YIQ(121.1990, -9.7250, 27.5790)

Have a look what the booklet for
YIQ(121.1990, -9.7250, 27.5790)
contains.

YIQ(121.1990, -9.7250, 27.5790)	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(121.1990, -9.7250,
27.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	816AB3
RGB	129, 106, 179
RGB Percent	51%, 42%, 70%
CMY	0.4940, 0.5843, 0.2981
CMYK	0.28, 0.41, 0.00, 0.30
HSL	259°, 32%, 56%
HSV	259°, 41%, 70%
XYZ	22.3444, 18.2289, 44.9758
YIQ	121.1990, -9.7250, 27.5790

Conversions

Conversions Part 2

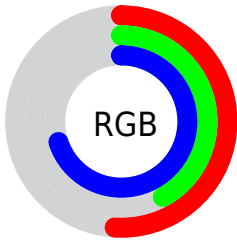
Format	Color
R _Y B	129, 106, 179
Decimal	8481459
CIE Lab	49.77, 25.09, -35.55
CIE LCh	50, 43.508, 305.211
Yxy	18.2289, 0.2612, 0.2131
Android (android.graphics.Color)	4286671539 (0xFF816AB3)
YUV	121.1990, 28.4959, 6.8415
Hunter-Lab	42.6954, 18.7003, -32.5701

Details

The YIQ color $121.1990, -9.7250, 27.5790$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $163.8010, 9.7250, -27.5790$, and the grayscale version is $121.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $174.2530, -9.8170, 29.2470$, and $71.4330, -10.5040, 25.1760$ is the 20% darker color. If you saturate the color by 10%, you get $107.0450, -11.9270, 34.4490$, and if you desaturate by 10%, it is $135.3530, -7.5230, 20.7090$.

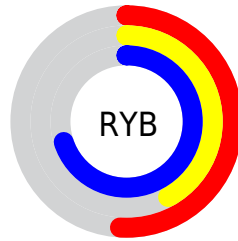
Distribution



Red (51%)

Green (42%)

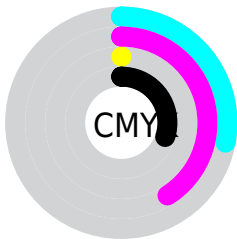
Blue (70%)



Red (51%)

Yellow (42%)

Blue (70%)

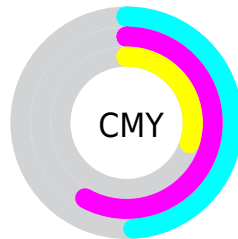


Cyan (28%)

Magenta (41%)

Yellow (0%)

Black (30%)



Cyan (49%)

Magenta (58%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.1990, -9.7250, 27.5790 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 121.1990, -9.7250, 27.5790 by changing the saturation by 10% instead.

■ 121.1990, -9.7250,
27.5790

■ 121.1990, -9.7250,
27.5790

■ 255.0000, -0.0000,
-0.0000

■ 96.2590, -9.9540,
26.2220

■ 174.2530, -9.8170,
29.2470

■ 71.4330, -10.5040,
25.1760

■ 201.0530, -6.3780,
27.4940

■ 48.0800, -11.0080,
23.2960

■ 225.2740, 2.8850,
19.3090

■ 25.2430, -13.0250,
21.3030

■ 246.7820, 3.8500,
7.3220

■ 8.4340, -12.2450,
18.1790

■ 4.7080, -10.5010,
8.5950

■ 0.2280, -0.6420,

0.6220

0.0000, 0.0000,
0.0000

121.1990, -9.7250,
27.5790

121.1990, -9.7250,
27.5790

107.0450,
-11.9270, 34.4490

135.3530, -7.5230,
20.7090

92.8910, -14.1290,
41.3190

149.8060, -4.7250,
14.0510

78.4380, -16.9270,
47.9770

163.9600, -2.5230,
7.1810

64.2840, -19.1290,
54.8470

178.1140, -0.3210,
0.3110

50.7170, -21.6060,
61.1940

191.6810, 2.1560,
-6.0360

■ 37.1500, -24.0830,
67.5410

■ 206.1340, 4.9540,
-12.6940

■ 220.2880, 7.1560,
-19.5640

■ 234.4420, 9.3580,
-26.4340

■ 241.5520, 14.8600,
-27.0280

Harmonies

Analogous

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



109.9690, -59.4680, 9.4600



121.1990, -9.7250, 27.5790



121.6350, 27.2740, 34.3620

Triad

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



121.1990, -9.7250, 27.5790



116.4850, 52.4980, -4.2860



94.5550, -77.4790, -33.0870

Complementary

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



121.1990, -9.7250, 27.5790



163.8010, 9.7250, -27.5790

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.



99.8240, -41.8080, -35.2800



121.1990, -9.7250, 27.5790



114.1800, 33.7030, -21.6010

Square

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



121.1990, -9.7250, 27.5790



117.6130, 58.7300, 14.9380



109.5120, 3.1690, -29.9110



98.0720, -88.7600, -21.3680

Rectangle

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



121.1990, -9.7250, 27.5790



119.5630, 44.9720, 33.0040



109.5120, 3.1690, -29.9110



92.4860, -73.0310, -36.6070

Sweetspot

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



121.1990, -9.7250, 27.5790



209.8830, -3.6240, 10.6160



144.2590, -37.4580, -3.9700



104.3190, -2.1560, 6.0360



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



121.1990, -9.7250, 27.5790



141.7600, -15.1380, 43.0860



131.6640, 11.1350, 34.9990



81.9230, -1.1010, 3.4350



31.7940, -20.5050, 57.7590



5.3560, -3.5780, 9.7820

Inverse Universe

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



133.5270, 27.4580, 31.0260



160.9780, 42.9060, 48.4260



153.3360, -11.1350, -34.9990



83.3750, 3.4380, 3.7740



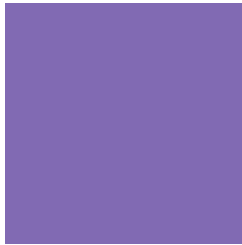
57.7170, 57.4830, 65.0910



9.7120, 10.0390, 10.7990

Previews

White Background



This preview shows how the YIQ color 121.1990, -9.7250, 27.5790 looks on a white background.

Color Contrast Check

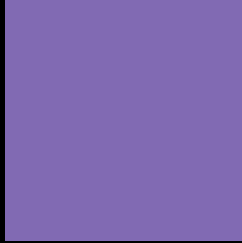
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.1990, -9.7250, 27.5790 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 121.1990, -9.7250, 27.5790

Background



This preview shows how black text looks on a background with the YIQ color 121.1990, -9.7250, 27.5790.



This preview shows how white text looks on a background with the YIQ color 121.1990, -9.7250,

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

121.1990, -9.7250, 27.5790

Protanopia

116.7330, -38.0120, 17.0920

Deuteranopia

116.9520, -34.4350, 12.8370



Tritanopia

118.7380, -2.0180, 3.5340

Trichromacy



Original Color

121.1990, -9.7250, 27.5790

Protanomaly

118.2290, -27.6050, 21.2190

Deuteranomaly

118.6050, -25.9080, 17.9960

Tritanomaly

119.7520, -4.6330, 12.3830

Monochromacy



Original Color

121.1990, -9.7250, 27.5790

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.3560, -3.5780, 9.7820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.1990, -9.7250, 27.5790 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(129, 106, 179)` looks like.

```
.text, #text, p{  
    color:rgb(129, 106, 179)  
}
```

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(129, 106, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 106, 179) }
```

Border

The CSS property to change the border of an element to YIQ 121.1990, -9.7250, 27.5790 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(129, 106, 179) }
```


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

```
.border{ border-color:rgb(129, 106, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 106, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 106, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 106, 179);  
box-shadow:4px 4px 4px 4px rgb(129, 106,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 121.1990, -9.7250, 27.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 106, 179) }
```

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

```
.background{ background-color: rgb(129,  
106, 179) }
```

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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