

Converting Colors

YIQ(128.7590, 11.8250, 22.4890)

Have a look what the booklet for
YIQ(128.7590, 11.8250, 22.4890)
contains.

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Color

**YIQ(128.7590, 11.8250,
22.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6F9A
RGB	154, 111, 154
RGB Percent	60%, 44%, 60%
CMY	0.3959, 0.5648, 0.3961
CMYK	0.00, 0.28, 0.00, 0.40
HSL	300°, 18%, 52%
HSV	300°, 28%, 60%
XYZ	24.8482, 20.5714, 33.2344
YIQ	128.7590, 11.8250, 22.4890

Conversions

Conversions Part 2

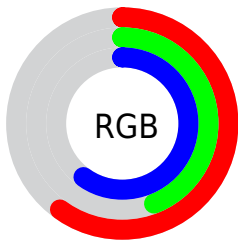
Format	Color
R_{YB}	154, 111, 154
Decimal	10121114
CIE _{Lab}	52.48, 24.55, -16.60
CIE _{LCh}	52, 29.632, 325.940
Y _{xy}	20.5714, 0.3159, 0.2615
Android (android.graphics.Color)	4288311194 (0xFF9A6F9A)
YUV	128.7590, 12.4438, 22.1364
Hunter-Lab	45.3557, 18.4189, -11.6957

Details

The YIQ color **128.7590, 11.8250, 22.4890** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **136.2410, -11.8250, -22.4890**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.8840, 12.9710, 23.7470**, and **78.6340, 10.6790, 21.2310** is the 20% darker color. If you saturate the color by 10%, you get **119.9540, 15.9500, 30.3340**, and if you desaturate by 10%, it is **137.5640, 7.7000, 14.6440**.

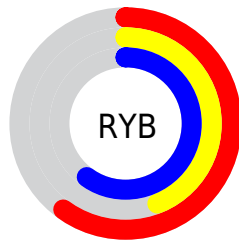
Distribution



Red (60%)

Green (44%)

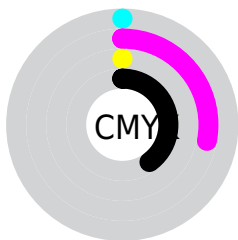
Blue (60%)



Red (60%)

Yellow (44%)

Blue (60%)

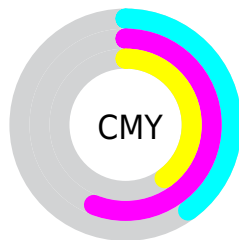


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (40%)



Cyan (40%)

Magenta (56%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.7590, 11.8250, 22.4890 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 128.7590, 11.8250, 22.4890 by changing the saturation by 10% instead.

■ 128.7590, 11.8250,
22.4890

■ 128.7590, 11.8250,
22.4890

■ 255.0000, -0.0000,
-0.0000

■ 103.3460, 11.5500,
21.9660

■ 181.8840, 12.9710,
23.7470

■ 78.6340, 10.6790,
21.2310

■ 209.4110, 12.9250,
24.5810

■ 55.8080, 10.1290,
20.1850

■ 233.2810, 10.1750,
19.3510

■ 32.5090, 9.5330,
19.9730

■ 250.3040, 2.2000,
4.1840

■ 14.0420, 9.3500,
17.7820

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,

0.0000

■ 128.7590, 11.8250,
22.4890

■ 128.7590, 11.8250,
22.4890

■ 119.9540, 15.9500,
30.3340

■ 137.5640, 7.7000,
14.6440

■ 110.5620, 20.3500,
38.7020

■ 146.9560, 3.3000,
6.2760

■ 101.7570, 24.4750,
46.5470

■ 155.7610, -0.8250,
-1.5690

■ 92.3650, 28.8750,
54.9150

■ 165.1530, -5.2250,
-9.9370

■ 83.5600, 33.0000,
62.7600

■ 173.9580, -9.3500,
-17.7820

■ 74.7550, 37.1250,
70.6050

■ 182.7630,
-13.4750, -25.6270

65.3630, 41.5250,
78.9730

192.1550,
-17.8750, -33.9950

63.6020, 42.3500,
80.5420

200.9600,
-22.0000, -41.8400

210.3520,
-26.4000, -50.2080

Harmonies

Analogous

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



126.7110, -14.5830, 16.4970



128.7590, 11.8250, 22.4890



128.1710, 31.0360, 21.2440

Triad

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



128.7590, 11.8250, 22.4890



123.4050, 29.1160, -10.0520



104.3420, -72.0250, -21.7930

Complementary

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



128.7590, 11.8250, 22.4890



136.2410, -11.8250, -22.4890

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.



112.1310, -43.6900, -23.1940



128.7590, 11.8250, 22.4890



120.8970, 9.8150, -18.1930

Square

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



128.7590, 11.8250, 22.4890



125.8290, 40.0260, 1.4820



117.6860, -14.5760, -22.1920



109.6450, -68.0840, -10.6120

Rectangle

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



128.7590, 11.8250, 22.4890



127.3150, 39.1980, 16.4940



117.6860, -14.5760, -22.1920



106.8930, -63.4510, -22.9950

Sweetspot

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



128.7590, 11.8250, 22.4890



191.6080, 4.4000, 8.3680



115.9020, -13.8030, 13.3730



96.1300, 2.7500, 5.2300



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



128.7590, 11.8250, 22.4890



161.0840, 18.7000, 35.5640



126.3650, 18.5660, 15.9580



72.1900, 2.5210, 3.8730



57.8200, 38.5000, 73.2200



5.3690, 3.5750, 6.7990

Inverse Universe

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



128.7590, 11.8250, 22.4890



161.0840, 18.7000, 35.5640



138.7490, -18.8870, -15.6470



72.1900, 2.5210, 3.8730



57.8200, 38.5000, 73.2200



5.3690, 3.5750, 6.7990

Previews

White Background



This preview shows how the YIQ color 128.7590, 11.8250, 22.4890 looks on a white background.

Color Contrast Check

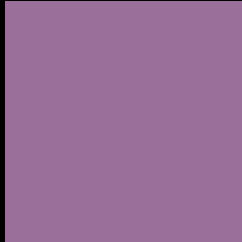
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 128.7590, 11.8250, 22.4890 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 128.7590, 11.8250, 22.4890

Background



This preview shows how black text looks on a background with the YIQ color 128.7590, 11.8250, 22.4890.



This preview shows how white text looks on a background with the YIQ color 128.7590, 11.8250,

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

128.7590, 11.8250, 22.4890

Protanopia

125.7550, -17.8830, 10.2210

Deuteranopia

126.9040, -8.1170, 9.4430



Tritanopia

127.1920, 17.3750, 10.0070

Trichromacy



Original Color

128.7590, 11.8250, 22.4890

Protanomaly

126.6640, -7.2010, 14.8710

Deuteranomaly

127.9590, -0.7820, 14.1780

Tritanomaly

127.5710, 14.9900, 14.6860

Monochromacy



Original Color

128.7590, 11.8250, 22.4890

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.6080, 4.4000, 8.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.7590, 11.8250, 22.4890 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(154, 111, 154)` looks like.

```
.text, #text, p{  
    color:rgb(154, 111, 154)  
}
```

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(154, 111, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 111, 154) }
```

Border

The CSS property to change the border of an element to YIQ 128.7590, 11.8250, 22.4890 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(154, 111, 154) }
```


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

```
.border{ border-color:rgb(154, 111, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 111, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 111, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 111, 154);  
box-shadow:4px 4px 4px 4px rgb(154, 111,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 128.7590, 11.8250, 22.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 111, 154) }
```

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

```
.background{ background-color: rgb(154,  
111, 154) }
```

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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