

Converting Colors

YIQ(111.4230, 12.6510, 18.5310)

Have a look what the booklet for
YIQ(111.4230, 12.6510, 18.5310)
contains.

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Color

**YIQ(111.4230, 12.6510,
18.5310)**

Conversions

Conversions Part 1

Format	Color
Hex	876081
RGB	135, 96, 129
RGB Percent	53%, 38%, 51%
CMY	0.4705, 0.6236, 0.4941
CMYK	0.00, 0.29, 0.04, 0.47
HSL	309°, 17%, 45%
HSV	309°, 29%, 53%
XYZ	18.1406, 15.1012, 22.7298
YIQ	111.4230, 12.6510, 18.5310

Conversions

Conversions Part 2

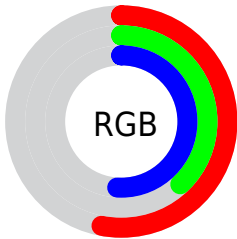
Format	Color
R_{YB}	135, 96, 129
Decimal	8872065
CIE _{Lab}	45.77, 21.62, -12.14
CIE _{LCh}	46, 24.792, 330.684
Yxy	15.1012, 0.3241, 0.2698
Android (android.graphics.Color)	4287062145 (0xFF876081)
YUV	111.4230, 8.6655, 20.6770
Hunter-Lab	38.8603, 15.3211, -7.4772

Details

The YIQ color **111.4230, 12.6510, 18.5310** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **119.5770, -12.6510, -18.5310**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5480, 13.7970, 19.7890**, and **63.2980, 11.5050, 17.2730** is the 20% darker color. If you saturate the color by 10%, you get **102.9770, 17.1430, 25.2310**, and if you desaturate by 10%, it is **119.2820, 8.4340, 12.3540**.

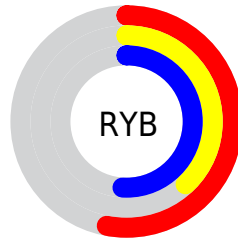
Distribution



Red (53%)

Green (38%)

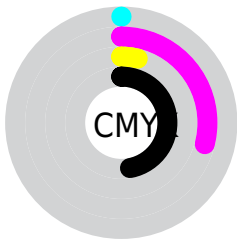
Blue (51%)



Red (53%)

Yellow (38%)

Blue (51%)

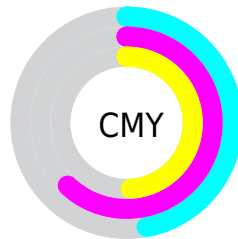


Cyan (0%)

Magenta (29%)

Yellow (4%)

Black (47%)



Cyan (47%)

Magenta (62%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.4230, 12.6510, 18.5310 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 111.4230, 12.6510, 18.5310 by changing the saturation by 10% instead.

■ 111.4230, 12.6510,
18.5310

■ 111.4230, 12.6510,
18.5310

■ 255.0000, -0.0000,
-0.0000

■ 86.7110, 11.7800,
17.7960

■ 163.5480, 13.7970,
19.7890

■ 63.2980, 11.5050,
17.2730

■ 190.9610, 14.0720,
20.3120

■ 40.5860, 10.6340,
16.5380

■ 218.3740, 14.3470,
20.8350

■ 17.7000, 10.3130,
16.8490

■ 239.7380, 7.1500,
13.5980

■ 2.2650, -2.0640,
4.3680

■ 0.0000, 0.0000,
0.0000

■ 111.4230, 12.6510,
18.5310

■ 111.4230, 12.6510,
18.5310

■ 102.9770, 17.1430,
25.2310

■ 119.2820, 8.4340,
12.3540

■ 95.1180, 21.3600,
31.4080

■ 127.7280, 3.9420,
5.6540

■ 86.6720, 25.8520,
38.1080

■ 135.5870, -0.2750,
-0.5230

■ 78.8130, 30.0690,
44.2850

■ 144.0330, -4.7670,
-7.2230

■ 70.3670, 34.5610,
50.9850

■ 152.4790, -9.2590,
-13.9230

■ 62.5080, 38.7780,
57.1620

■ 160.4520,
-13.7970, -19.7890

■ 53.9480, 43.5910,
63.5510


■ 168.8980,
-18.2890, -26.4890

■ 53.3610, 43.8660,

■ 176.7570,

64.0740

-22.5060, -32.6660

 185.2030,
-26.9980, -39.3660

Harmonies

Analogous

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



110.3650, -7.7970, 14.6590



111.4230, 12.6510, 18.5310



111.2690, 27.6440, 16.6360

Triad

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



111.4230, 12.6510, 18.5310



106.9250, 21.7800, -9.2600



94.4260, -54.4660, -15.1220

Complementary

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



111.4230, 12.6510, 18.5310



119.5770, -12.6510, -18.5310

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.



97.7020, -37.8680, -18.5720



111.4230, 12.6510, 18.5310



104.4390, 5.4130, -15.5070

Square

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



111.4230, 12.6510, 18.5310



108.5830, 31.9110, -0.1290



101.9080, -15.0810, -18.5450



98.8600, -49.5160, -5.7080

Rectangle

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



111.4230, 12.6510, 18.5310



109.9720, 32.7340, 12.4940



101.9080, -15.0810, -18.5450



94.5250, -50.4310, -16.6630

Sweetspot

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



111.4230, 12.6510, 18.5310



166.3800, 5.0420, 7.7460



102.2400, -8.9430, 13.4010



83.0160, 3.0710, 4.9190



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



111.4230, 12.6510, 18.5310



138.4660, 20.2600, 29.3160



109.2570, 18.7500, 12.6220



62.3640, 1.9710, 2.8270



51.4100, 42.1700, 61.7700



1.1250, 1.1460, 1.2580

Inverse Universe

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



111.4230, 12.6510, 18.5310



138.4660, 20.2600, 29.3160



121.7430, -18.7500, -12.6220



62.3640, 1.9710, 2.8270



51.4100, 42.1700, 61.7700



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 111.4230, 12.6510, 18.5310 looks on a white background.

Color Contrast Check

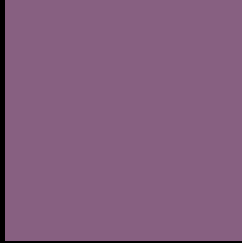
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.4230, 12.6510, 18.5310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

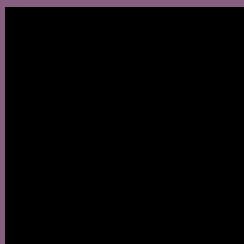
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.4230, 12.6510, 18.5310

Background



This preview shows how black text looks on a background with the YIQ color 111.4230, 12.6510, 18.5310.



This preview shows how white text looks on a background with the YIQ color 111.4230, 12.6510,

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

111.4230, 12.6510, 18.5310

Protanopia

109.2130, -13.4810, 7.5350

Deuteranopia

109.5900, -4.3570, 7.3790



Tritanopia

110.4800, 16.5040, 9.2720

Trichromacy



Original Color

111.4230, 12.6510, 18.5310

Protanomaly

110.1110, -4.2660, 11.2380

Deuteranomaly

110.0470, 1.7860, 11.6900

Tritanomaly

111.1040, 14.8070, 12.4950

Monochromacy



Original Color

111.4230, 12.6510, 18.5310

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.5540, 4.4920, 6.7000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.4230, 12.6510, 18.5310 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(135, 96, 129)` looks like.

```
.text, #text, p{  
    color:rgb(135, 96, 129)  
}
```

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(135, 96, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 96, 129) }
```

Border

The CSS property to change the border of an element to YIQ 111.4230, 12.6510, 18.5310 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(135, 96, 129) }
```


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

```
.border{ border-color:rgb(135, 96, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 96, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 96, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 96, 129);  
box-shadow:4px 4px 4px 4px rgb(135, 96,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 111.4230, 12.6510, 18.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 96, 129) }
```

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

```
.background{ background-color: rgb(135, 96,  
129) }
```

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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