

Converting Colors

YIQ(128.4780, -15.5450,
11.9030)

Have a look what the booklet for
YIQ(128.4780, -15.5450, 11.9030)
contains.

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Color

**YIQ(128.4780, -15.5450,
11.9030)**

Conversions

Conversions Part 1

Format	Color
Hex	797DA6
RGB	121, 125, 166
RGB Percent	47%, 49%, 65%
CMY	0.5255, 0.5098, 0.3491
CMYK	0.27, 0.25, 0.00, 0.35
HSL	235°, 20%, 56%
HSV	235°, 27%, 65%
XYZ	22.1003, 21.4852, 39.0472
YIQ	128.4780, -15.5450, 11.9030

Conversions

Conversions Part 2

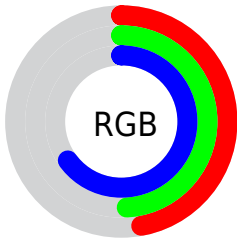
Format	Color
R _Y B	121, 125, 166
Decimal	7962022
CIE Lab	53.48, 7.99, -22.31
CIE LCh	53, 23.695, 289.715
Yxy	21.4852, 0.2675, 0.2600
Android (android.graphics.Color)	4286152102 (0xFF797DA6)
YUV	128.4780, 18.4983, -6.5582
Hunter-Lab	46.3522, 3.9910, -17.4995

Details

The YIQ color **128.4780, -15.5450, 11.9030** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **158.5220, 15.5450, -11.9030**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.7060, -16.1870, 12.5250**, and **78.8370, -15.1780, 10.7580** is the 20% darker color. If you saturate the color by 10%, you get **114.5900, -21.5520, 16.1440**, and if you desaturate by 10%, it is **142.3660, -9.5380, 7.6620**.

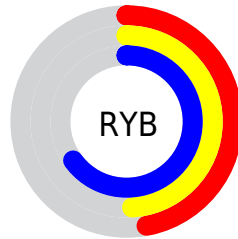
Distribution



Red (47%)

Green (49%)

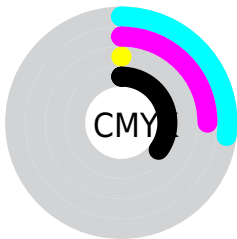
Blue (65%)



Red (47%)

Yellow (49%)

Blue (65%)

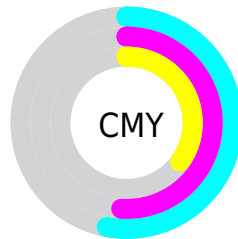


Cyan (27%)

Magenta (25%)

Yellow (0%)

Black (35%)



Cyan (53%)

Magenta (51%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.4780, -15.5450, 11.9030 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 128.4780, -15.5450, 11.9030 by changing the saturation by 10% instead.

■ 128.4780,
-15.5450, 11.9030

■ 128.4780,
-15.5450, 11.9030

■ 255.0000, -0.0000,
-0.0000

■ 103.3640,
-15.2240, 11.5920

■ 181.7060,
-16.1870, 12.5250

■ 78.8370, -15.1780,
10.7580

■ 209.2330,
-16.2330, 13.3590

■ 55.8970, -15.4070,
9.4010

■ 234.6110, -8.8500,
6.2060

■ 34.0710, -15.9570,
8.3550

■ 10.4840, -15.6820,
8.8780

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,

0.0000

■ 128.4780,
-15.5450, 11.9030

■ 128.4780,
-15.5450, 11.9030

■ 114.5900,
-21.5520, 16.1440

■ 142.3660, -9.5380,
7.6620

■ 101.0010,
-26.9630, 20.5970

■ 155.9550, -4.1270,
3.2090

■ 87.1130, -32.9700,
24.8380

■ 169.8430, 1.8800,
-1.0320

■ 73.5240, -38.3810,
29.2910

■ 183.4320, 7.2910,
-5.4850

■ 59.0490, -44.1130,
34.0550

■ 197.9070, 13.0230,
-10.2490

■ 45.1610, -50.1200,
38.2960

■ 211.7950, 19.0300,
-14.4900

■ 31.5720, -55.5310,
42.7490

■ 225.3840, 24.4410,
-18.9430

■ 27.7290, -57.4110,
43.7810

■ 239.2720, 30.4480,
-23.1840

■ 244.8540, 28.5690,
-27.6790

Harmonies

Analogous

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



123.7310, -35.6710, 2.1930



128.4780, -15.5450, 11.9030



130.7750, 5.7280, 17.3440

Triad

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



128.4780, -15.5450, 11.9030



128.4740, 33.8360, 3.5320



119.7910, -27.8730, -17.9930

Complementary

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



128.4780, -15.5450, 11.9030



158.5220, 15.5450, -11.9030

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.



122.7410, -7.2410, -17.4570



128.4780, -15.5450, 11.9030



127.3710, 26.4560, -5.8960

Square

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



128.4780, -15.5450, 11.9030



129.9720, 32.7340, 12.4940



125.3150, 11.6940, -13.6980



117.1020, -44.7460, -15.0660

Rectangle

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



128.4780, -15.5450, 11.9030



130.6470, 17.8320, 18.2480



125.3150, 11.6940, -13.6980



120.4990, -21.1790, -18.1630

Sweetspot

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



128.4780, -15.5450, 11.9030



202.2260, -6.3280, 4.5520



151.9750, -25.2150, -11.0950



100.8410, -3.8060, 2.8980



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



128.4780, -15.5450, 11.9030



157.3170, -25.0370, 18.7310



131.5120, -3.7170, 17.8110



76.9120, -2.5680, 2.4880



24.5030, -51.0830, 39.2290



3.4540, -6.9700, 5.1740

Inverse Universe

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



134.9110, 25.5360, 10.7840



167.3260, 40.6650, 17.4410



155.4880, 3.7170, -17.8110



78.3920, 4.7680, 1.6960



45.7340, 84.0350, 35.4190



6.2080, 11.2780, 4.8620

Previews

White Background



This preview shows how the YIQ color 128.4780, -15.5450, 11.9030 looks on a white background.

Color Contrast Check

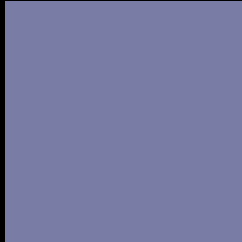
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.4780, -15.5450, 11.9030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

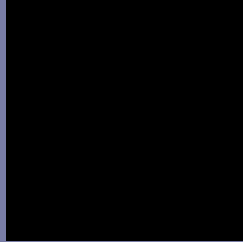
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.4780, -15.5450, 11.9030

Background



This preview shows how black text looks on a background with the YIQ color 128.4780, -15.5450, 11.9030.



This preview shows how white text looks on a background with the YIQ color 128.4780, -15.5450,

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

128.4780, -15.5450, 11.9030

Protanopia

127.9830, -18.5250, 10.8430

Deuteranopia

128.1790, -16.1410, 11.6910



Tritanopia

126.9540, -11.5540, 0.1420

Trichromacy



Original Color

128.4780, -15.5450, 11.9030

Protanomaly

128.2820, -17.9290, 11.0550

Deuteranomaly

128.1790, -16.1410, 11.6910

Tritanomaly

127.4040, -12.7010, 4.4110

Monochromacy



Original Color

128.4780, -15.5450, 11.9030

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.1120, -6.0070, 4.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.4780, -15.5450, 11.9030 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(121, 125, 166)` looks like.

```
.text, #text, p{  
    color:rgb(121, 125, 166)  
}
```

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(121, 125, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 125, 166) }
```

Border

The CSS property to change the border of an element to YIQ 128.4780, -15.5450, 11.9030 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(121, 125, 166) }
```


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

```
.border{ border-color:rgb(121, 125, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 125, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 125, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 125, 166);  
box-shadow:4px 4px 4px 4px rgb(121, 125,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 128.4780, -15.5450, 11.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 125, 166) }
```

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

```
.background{ background-color: rgb(121,  
125, 166) }
```

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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