

Converting Colors

YIQ(126.8910, -15.2700,
12.4260)

Have a look what the booklet for
YIQ(126.8910, -15.2700, 12.4260)
contains.

YIQ(126.8910, -15.2700, 12.4260)	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(126.8910, -15.2700,
12.4260)**

Conversions

Conversions Part 1

Format	Color
Hex	787BA5
RGB	120, 123, 165
RGB Percent	47%, 48%, 65%
CMY	0.5294, 0.5176, 0.3530
CMYK	0.27, 0.25, 0.00, 0.35
HSL	236°, 20%, 56%
HSV	236°, 27%, 65%
XYZ	21.6189, 20.8754, 38.4759
YIQ	126.8910, -15.2700, 12.4260

Conversions

Conversions Part 2

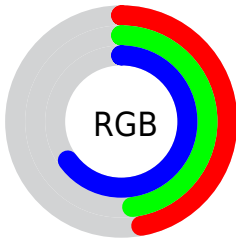
Format	Color
R_{YB}	120, 123, 165
Decimal	7895973
CIE _{Lab}	52.81, 8.60, -22.75
CIE _{LCh}	53, 24.327, 290.715
Yxy	20.8754, 0.2670, 0.2578
Android (android.graphics.Color)	4286086053 (0xFF787BA5)
YUV	126.8910, 18.7877, -6.0434
Hunter-Lab	45.6896, 4.5037, -17.9462

Details

The YIQ color $126.8910, -15.2700, 12.4260$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $158.1090, 15.2700, -12.4260$, and the grayscale version is $127.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $179.5320, -15.6370, 13.5710$, and $77.2500, -14.9030, 11.2810$ is the 20% darker color. If you saturate the color by 10%, you get $113.3020, -20.6810, 16.8790$, and if you desaturate by 10%, it is $140.7790, -9.2630, 8.1850$.

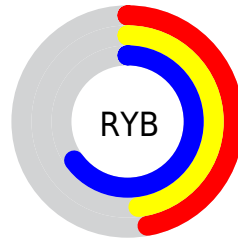
Distribution



Red (47%)

Green (48%)

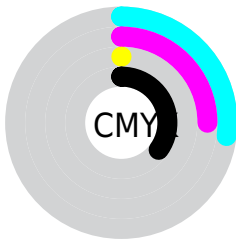
Blue (65%)



Red (47%)

Yellow (48%)

Blue (65%)

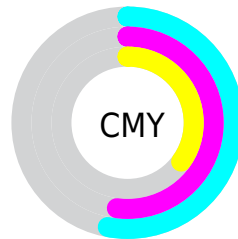


Cyan (27%)

Magenta (25%)

Yellow (0%)

Black (35%)



Cyan (53%)

Magenta (52%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.8910, -15.2700, 12.4260 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 126.8910, -15.2700, 12.4260 by changing the saturation by 10% instead.

■ 126.8910,
-15.2700, 12.4260

■ 126.8910,
-15.2700, 12.4260

■ 255.0000, -0.0000,
-0.0000

■ 101.7770,
-14.9490, 12.1150

■ 179.5320,
-15.6370, 13.5710

■ 77.2500, -14.9030,
11.2810

■ 207.6460,
-15.9580, 13.8820

■ 54.3100, -15.1320,
9.9240

■ 233.1380, -8.8960,
7.0400

■ 32.4840, -15.6820,
8.8780

■ 8.7230, -14.8570,
10.4470

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,

0.0000

■ 126.8910,
-15.2700, 12.4260

■ 126.8910,
-15.2700, 12.4260

■ 113.3020,
-20.6810, 16.8790

■ 140.7790, -9.2630,
8.1850

■ 98.8270, -26.4130,
21.6430

■ 154.9550, -4.1270,
3.2090

■ 85.2380, -31.8240,
26.0960

■ 168.8430, 1.8800,
-1.0320

■ 70.7630, -37.5560,
30.8600

■ 183.0190, 7.0160,
-6.0080

■ 57.1740, -42.9670,
35.3130

■ 196.6080, 12.4270,
-10.4610

■ 43.2860, -48.9740,
39.5540

■ 210.4960, 18.4340,
-14.7020

■ 29.1100, -54.1100,
44.5300

■ 224.6720, 23.5700,
-19.6780

■ 25.2670, -55.9900,
45.5620

■ 238.5600, 29.5770,
-23.9190

■ 244.7400, 28.8900,
-27.9900

Harmonies

Analogous

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



121.9590, -36.3130, 2.8150



126.8910, -15.2700, 12.4260



129.1880, 6.0030, 17.8670

Triad

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



126.8910, -15.2700, 12.4260



127.3600, 34.1570, 3.2210



117.3070, -29.3860, -18.1060

Complementary

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



126.8910, -15.2700, 12.4260



158.1090, 15.2700, -12.4260

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.



120.4420, -7.8370, -17.6690



126.8910, -15.2700, 12.4260



125.8440, 26.5020, -6.7300

Square

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



126.8910, -15.2700, 12.4260



128.1570, 33.6510, 12.3950



123.3150, 11.6940, -13.6980



114.3190, -46.8550, -15.3910

Rectangle

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



126.8910, -15.2700, 12.4260



129.2450, 19.0240, 18.6720



123.3150, 11.6940, -13.6980



118.9010, -22.3710, -18.5870

Sweetspot

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



126.8910, -15.2700, 12.4260



199.5250, -5.7320, 4.7640



151.2030, -25.8570, -10.4730



97.8410, -3.8060, 2.8980



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



126.8910, -15.2700, 12.4260



154.3280, -23.5700, 19.6780



130.8110, -3.1210, 18.0230



74.6130, -3.1640, 2.2760



22.4000, -49.2950, 39.8650



2.6390, -6.0530, 5.0750

Inverse Universe

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



133.7970, 25.8570, 10.4730



165.3860, 40.4360, 16.0840



153.8900, 2.5250, -18.2350



75.8050, 5.0430, 2.2190



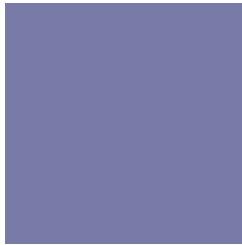
44.4950, 83.2100, 33.8500



5.4960, 10.4070, 4.1270

Previews

White Background



This preview shows how the YIQ color 126.8910, -15.2700, 12.4260 looks on a white background.

Color Contrast Check

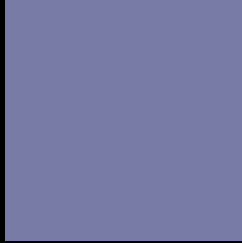
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.8910, -15.2700, 12.4260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

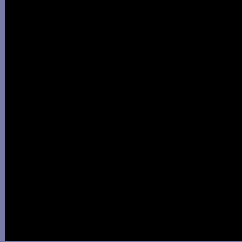
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.8910, -15.2700, 12.4260

Background



This preview shows how black text looks on a background with the YIQ color 126.8910, -15.2700, 12.4260.



This preview shows how white text looks on a background with the YIQ color 126.8910, -15.2700,

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

126.8910, -15.2700, 12.4260

Protanopia

126.0970, -18.8460, 11.1540

Deuteranopia

126.5810, -17.3330, 11.2670



Tritanopia

125.2530, -10.9580, 0.3540

Trichromacy



Original Color

126.8910, -15.2700, 12.4260

Protanomaly

126.6950, -17.6540, 11.5780

Deuteranomaly

126.8800, -16.7370, 11.4790

Tritanomaly

125.8170, -12.4260, 4.9340

Monochromacy



Original Color

126.8910, -15.2700, 12.4260

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.1120, -6.0070, 4.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.8910, -15.2700, 12.4260 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(120, 123, 165)` looks like.

```
.text, #text, p{  
    color:rgb(120, 123, 165)  
}
```

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(120, 123, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 123, 165) }
```

Border

The CSS property to change the border of an element to YIQ 126.8910, -15.2700, 12.4260 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(120, 123, 165) }
```


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

```
.border{ border-color:rgb(120, 123, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 123, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 123, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 123, 165);  
box-shadow:4px 4px 4px 4px rgb(120, 123,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 126.8910, -15.2700, 12.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 123, 165) }
```

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

```
.background{ background-color: rgb(120,  
123, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor