

Converting Colors

YIQ(127.3010, -1.7450, 15.1110)

Have a look what the booklet for
YIQ(127.3010, -1.7450, 15.1110)
contains.

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Color

**YIQ(127.3010, -1.7450,
15.1110)**

Conversions

Conversions Part 1

Format	Color
Hex	87769B
RGB	135, 118, 155
RGB Percent	53%, 46%, 61%
CMY	0.4705, 0.5373, 0.3922
CMYK	0.13, 0.24, 0.00, 0.39
HSL	268°, 16%, 54%
HSV	268°, 24%, 61%
XYZ	22.3875, 20.4737, 33.7782
YIQ	127.3010, -1.7450, 15.1110

Conversions

Conversions Part 2

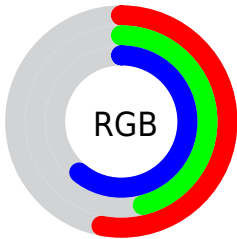
Format	Color
R_{YB}	135, 118, 155
Decimal	8877723
CIE _{Lab}	52.37, 14.09, -17.51
CIE _{LCh}	52, 22.481, 308.827
Yxy	20.4737, 0.2921, 0.2671
Android (android.graphics.Color)	4287067803 (0xFF87769B)
YUV	127.3010, 13.6556, 6.7520
Hunter-Lab	45.2479, 9.1336, -12.5874

Details

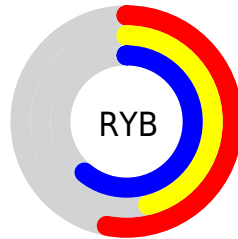
The YIQ color $127.3010, -1.7450, 15.1110$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $145.6990, 1.7450, -15.1110$, and the grayscale version is $127.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $180.2410, -1.5160, 16.4680$, and $78.3610, -1.9740, 13.7540$ is the 20% darker color. If you saturate the color by 10%, you get $115.5170, -2.1130, 21.7830$, and if you desaturate by 10%, it is $138.4980, -1.1020, 8.9620$.

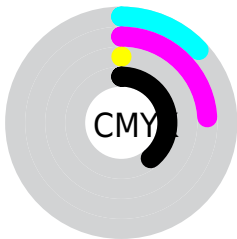
Distribution



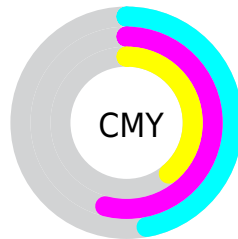
- Red (53%)
- Green (46%)
- Blue (61%)



- Red (53%)
- Yellow (46%)
- Blue (61%)



- Cyan (13%)
- Magenta (24%)
- Yellow (0%)
- Black (39%)



- Cyan (47%)
- Magenta (54%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.3010, -1.7450, 15.1110 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 127.3010, -1.7450, 15.1110 by changing the saturation by 10% instead.

■ 127.3010, -1.7450,
15.1110

■ 127.3010, -1.7450,
15.1110

■ 255.0000, -0.0000,
-0.0000

■ 101.8880, -2.0200,
14.5880

■ 180.2410, -1.5160,
16.4680

■ 78.3610, -1.9740,
13.7540

■ 207.3550, -1.8370,
16.7790

■ 54.9480, -2.2490,
13.2310

■ 234.4000, 2.2900,
13.5700

■ 33.4210, -2.2030,
12.3970

■ 254.4130, 0.2750,
0.5230

■ 9.9700, 0.6850,
15.1250

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,

0.0000

■ 127.3010, -1.7450,
15.1110

■ 127.3010, -1.7450,
15.1110

■ 115.5170, -2.1130,
21.7830

■ 138.4980, -1.1020,
8.9620

■ 104.0210, -3.3520,
27.7200

■ 150.5810, -0.1380,
2.5020

■ 92.2370, -3.7200,
34.3920

■ 161.7780, 0.5050,
-3.6470

■ 81.0400, -4.3630,
40.5410

■ 173.5620, 0.8730,
-10.3190

■ 69.5440, -5.6020,
46.4780

■ 185.0580, 2.1120,
-16.2560

■ 57.7600, -5.9700,
53.1500

■ 196.8420, 2.4800,
-22.9280

■ 46.2640, -7.2090,
59.0870

■ 208.3380, 3.7190,
-28.8650

■ 38.8990, -7.4390,
63.2570

■ 220.1220, 4.0870,
-35.5370

■ 230.1450, 5.2800,
-40.6400

Harmonies

Analogous

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



124.5480, -21.7340, 8.4260



127.3010, -1.7450, 15.1110



128.2230, 16.0900, 16.7780

Triad

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



127.3010, -1.7450, 15.1110



125.1480, 28.7020, -2.5460



115.8810, -36.8140, -15.6460

Complementary

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



127.3010, -1.7450, 15.1110



145.6990, 1.7450, -15.1110

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.



118.3960, -19.3910, -17.5270



127.3010, -1.7450, 15.1110



123.6470, 16.6910, -10.6450

Square

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



127.3010, -1.7450, 15.1110



126.3970, 32.7350, 6.9670



121.1010, 0.5530, -15.5350



115.2640, -45.0220, -10.0620

Rectangle

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



127.3010, -1.7450, 15.1110



127.9590, 25.5810, 15.4770



121.1010, 0.5530, -15.5350



116.5780, -31.5870, -16.7630

Sweetspot

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



127.3010, -1.7450, 15.1110



190.6890, -0.3220, 5.8380



133.9580, -17.3770, 1.0470



96.1080, -0.1840, 3.3360



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.



127.3010, -1.7450, 15.1110



157.6850, -2.5260, 23.7620



132.6830, 8.9830, 18.9270



70.8090, -0.7800, 3.1240



35.3950, -6.2000, 57.3200



3.2760, -0.5970, 5.3150

Inverse Universe

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



131.3430, 15.6320, 14.0640



163.9900, 24.2960, 22.2480



140.3170, -8.9830, -18.9270



71.8480, 3.4840, 2.9400



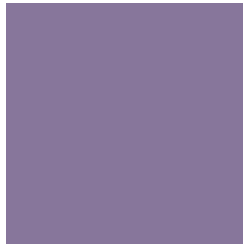
50.5240, 59.0440, 53.3160



4.6850, 5.5010, 4.9330

Previews

White Background



This preview shows how the YIQ color 127.3010, -1.7450, 15.1110 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 127.3010, -1.7450, 15.1110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

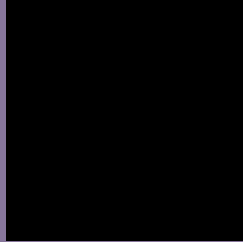
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.3010, -1.7450, 15.1110

Background



This preview shows how black text looks on a background with the YIQ color 127.3010, -1.7450, 15.1110.



This preview shows how white text looks on a background with the YIQ color 127.3010, -1.7450,

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

127.3010, -1.7450, 15.1110

Protanopia

125.5980, -16.0030, 9.1890

Deuteranopia

125.6480, -10.2720, 9.9520



Tritanopia

125.8310, 2.1540, 5.0180

Trichromacy



Original Color

127.3010, -1.7450, 15.1110

Protanomaly

126.4030, -10.9600, 11.4080

Deuteranomaly

126.5560, -7.0170, 11.5350

Tritanomaly

126.4550, 0.4570, 8.2410

Monochromacy



Original Color

127.3010, -1.7450, 15.1110

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.2760, -0.5970, 5.3150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.3010, -1.7450, 15.1110 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, 118, 155)` looks like.

```
.text, #text, p{  
    color:rgb(135, 118, 155)  
}
```

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, 118, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 118, 155) }
```

Border

The CSS property to change the border of an element to YIQ 127.3010, -1.7450, 15.1110 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, 118, 155) }
```


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

```
.border{ border-color:rgb(135, 118, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 118, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 118, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 118, 155);  
box-shadow:4px 4px 4px 4px rgb(135, 118,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 127.3010, -1.7450, 15.1110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 118, 155) }
```

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

```
.background{ background-color: rgb(135,  
118, 155) }
```

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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