

Converting Colors

YIQ(157.7870, -2.5730, 30.1230)

Have a look what the booklet for
YIQ(157.7870, -2.5730, 30.1230)
contains.

YIQ(157.7870, -2.5730, 30.1230)	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(157.7870, -2.5730,
30.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8BD4
RGB	174, 139, 212
RGB Percent	68%, 55%, 83%
CMY	0.3175, 0.4549, 0.1687
CMYK	0.18, 0.34, 0.00, 0.17
HSL	269°, 46%, 69%
HSV	269°, 34%, 83%
XYZ	38.5749, 32.2161, 66.4613
YIQ	157.7870, -2.5730, 30.1230

Conversions

Conversions Part 2

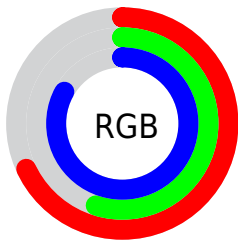
Format	Color
RYB	174, 139, 212
Decimal	11439060
CIELab	63.52, 27.43, -32.55
CIELCh	64, 42.565, 310.119
Yxy	32.2161, 0.2811, 0.2347
Android (android.graphics.Color)	4289629140 (0xFFAE8BD4)
YUV	157.7870, 26.7270, 14.2188
Hunter-Lab	56.7592, 21.9842, -29.6932

Details

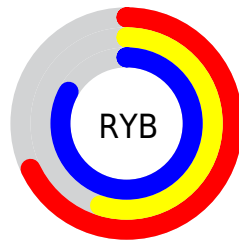
The YIQ color $157.7870, -2.5730, 30.1230$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $193.2130, 2.5730, -30.1230$, and the grayscale version is $158.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $211.1310, 2.1500, 27.1260$, and $105.4340, -3.0770, 28.2430$ is the 20% darker color. If you saturate the color by 10%, you get $142.1710, -3.3540, 38.7740$, and if you desaturate by 10%, it is $173.4030, -1.7920, 21.4720$.

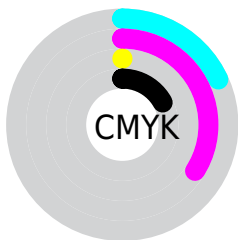
Distribution



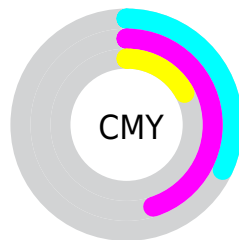
- Red (68%)
- Green (55%)
- Blue (83%)



- Red (68%)
- Yellow (55%)
- Blue (83%)



- Cyan (18%)
- Magenta (34%)
- Yellow (0%)
- Black (17%)





- Cyan (32%)
- Magenta (45%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.7870, -2.5730, 30.1230 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 157.7870, -2.5730, 30.1230 by changing the saturation by 10% instead.


 157.7870, -2.5730,
30.1230

 157.7870, -2.5730,
30.1230


255.0000, -0.0000,
-0.0000


 131.2600, -2.5270,
29.2890


 211.1310, 2.1500,
27.1260


 105.4340, -3.0770,
28.2430


 235.0420, 9.3500,
17.7820

 81.4940, -3.3060,
26.8860

 252.0650, 1.3750,
2.6150

 57.5540, -3.5350,
25.5290

 34.4290, -4.6810,
24.2710

 13.3750, -4.5890,
22.6030

 5.1640, -11.7850,

9.8390

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,
0.0000

■ 157.7870, -2.5730,
30.1230

■ 157.7870, -2.5730,
30.1230

■ 142.1710, -3.3540,
38.7740

■ 173.4030, -1.7920,
21.4720

■ 126.5550, -4.1350,
47.4250

■ 189.0190, -1.0110,
12.8210

■ 110.3520, -4.6410,
56.5990

■ 205.2220, -0.5050,
3.6470

■ 94.7360, -5.4220,
65.2500

■ 220.8380, 0.2760,
-5.0040

79.1200, -6.2030,
73.9010

236.4540, 1.0570,
-13.6550

63.5040, -6.9840,
82.5520

245.6130, 4.8630,
-16.5530

54.6660, -7.2600,
87.5560

248.9020, 11.4190,
-14.2210

250.0980, 13.8030,
-13.3730

Harmonies

Analogous

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



150.4870, -46.1270, 15.4810



157.7870, -2.5730, 30.1230



158.1580, 33.0510, 34.2910

Triad

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



157.7870, -2.5730, 30.1230



152.4910, 52.3610, -7.3110



121.0620, -101.1360, -39.3760

Complementary

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



157.7870, -2.5730, 30.1230



193.2130, 2.5730, -30.1230

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.



136.6710, -45.7510, -35.4070



157.7870, -2.5730, 30.1230



149.6850, 30.7230, -22.6610

Square

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



157.7870, -2.5730, 30.1230



154.2880, 61.0230, 11.9270



145.2340, -1.9200, -31.2960



123.4050, -111.8670, -26.6110

Rectangle

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



157.7870, -2.5730, 30.1230



156.5480, 49.3280, 31.1520



145.2340, -1.9200, -31.2960



118.9930, -96.6880, -42.8960

Sweetspot

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



157.7870, -2.5730, 30.1230



236.4380, -0.8730, 10.3190



170.2150, -34.1580, 2.3060



116.2160, -0.3680, 6.6720



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



157.7870, -2.5730, 30.1230



177.2190, -3.3090, 43.4670



168.5510, 18.8830, 37.7550



99.0480, 0.0450, 4.6930



44.0120, -6.0190, 70.5650



11.1810, -1.2870, 17.8250

Inverse Universe

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



165.1590, 31.3100, 27.2940



187.6650, 44.9250, 39.3650



182.4490, -18.8830, -37.7550



99.9730, 4.6300, 4.1980



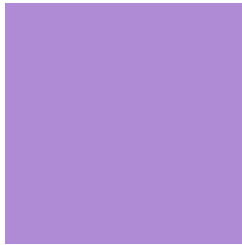
61.2750, 73.3470, 63.9310



15.4790, 18.2450, 16.2690

Previews

White Background



This preview shows how the YIQ color 157.7870, -2.5730, 30.1230 looks on a white background.

Color Contrast Check

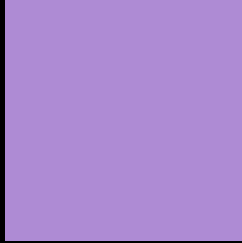
Large Text (above 18pt) WCAG AA × Fail

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 157.7870, -2.5730, 30.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

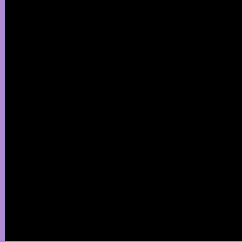
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.7870, -2.5730, 30.1230

Background



This preview shows how black text looks on a background with the YIQ color 157.7870, -2.5730, 30.1230.



This preview shows how white text looks on a background with the YIQ color 157.7870, -2.5730,

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

157.7870, -2.5730, 30.1230

Protanopia

153.7010, -34.9860, 17.3180

Deuteranopia

154.0130, -27.2370, 14.5470



Tritanopia

155.1520, 5.6840, 7.1240

Trichromacy



Original Color

157.7870, -2.5730, 30.1230

Protanomaly

155.0940, -22.7910, 22.0810

Deuteranomaly

155.0790, -18.4350, 20.2290

Tritanomaly

155.8670, 2.4730, 15.7610

Monochromacy



Original Color

157.7870, -2.5730, 30.1230

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.9650, -0.9190, 11.1530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.7870, -2.5730, 30.1230 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(174, 139, 212)` looks like.

```
.text, #text, p{  
    color:rgb(174, 139, 212)  
}
```

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(174, 139, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 139, 212) }
```

Border

The CSS property to change the border of an element to YIQ 157.7870, -2.5730, 30.1230 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(174, 139, 212) }
```


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

```
.border{ border-color:rgb(174, 139, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 139, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 139, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 139, 212);  
box-shadow:4px 4px 4px 4px rgb(174, 139,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 157.7870, -2.5730, 30.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 139, 212) }
```

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

```
.background{ background-color: rgb(174,  
139, 212) }
```

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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