

Converting Colors

YIQ(129.2730, 21.8210, 17.5410)

Have a look what the booklet for
YIQ(129.2730, 21.8210, 17.5410)
contains.

YIQ(129.2730, 21.8210, 17.5410)	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(129.2730, 21.8210,
17.5410)**

Conversions

Conversions Part 1

Format	Color
Hex	A17087
RGB	161, 112, 135
RGB Percent	63%, 44%, 53%
CMY	0.3685, 0.5608, 0.4705
CMYK	0.00, 0.30, 0.16, 0.37
HSL	332°, 21%, 54%
HSV	332°, 30%, 63%
XYZ	24.8710, 20.9141, 25.6541
YIQ	129.2730, 21.8210, 17.5410

Conversions

Conversions Part 2

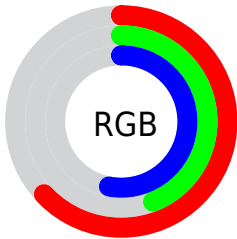
Format	Color
R_{YB}	161, 112, 135
Decimal	10580103
CIE _{Lab}	52.86, 23.02, -4.81
CIE _{LCh}	53, 23.514, 348.194
Yxy	20.9141, 0.3481, 0.2928
Android (android.graphics.Color)	4288770183 (0xFFA17087)
YUV	129.2730, 2.8234, 27.8246
Hunter-Lab	45.7319, 17.0450, -1.2474

Details

The YIQ color **129.2730, 21.8210, 17.5410** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **143.7270, -21.8210, -17.5410**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.5830, 23.8840, 18.7000**, and **78.9630, 19.7580, 16.3820** is the 20% darker color. If you saturate the color by 10%, you get **118.8550, 29.1100, 23.1100**, and if you desaturate by 10%, it is **139.6910, 14.5320, 11.9720**.

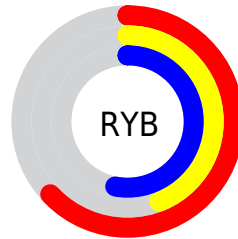
Distribution



Red (63%)

Green (44%)

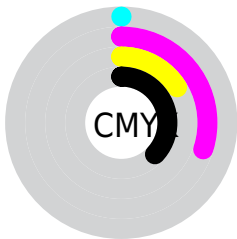
Blue (53%)



Red (63%)

Yellow (44%)

Blue (53%)

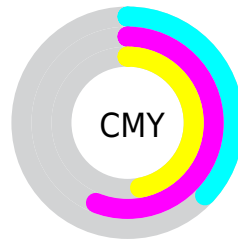


Cyan (0%)

Magenta (30%)

Yellow (16%)

Black (37%)



Cyan (37%)


Magenta (56%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.2730, 21.8210, 17.5410 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 129.2730, 21.8210, 17.5410 by changing the saturation by 10% instead.


 129.2730, 21.8210,
17.5410


 129.2730, 21.8210,
17.5410


255.0000, -0.0000,
-0.0000


 103.6750, 20.6290,
17.1170


 182.5830, 23.8840,
18.7000


 78.9630, 19.7580,
16.3820


 209.9960, 24.1590,
19.2230

 55.3650, 18.5660,
15.9580

 232.6140, 13.4310,
15.4070

 32.7670, 17.3740,
15.5340

 250.8910, 1.9250,
3.6610

 13.6420, 16.2280,
14.2760

 0.0000, 0.0000,
0.0000

■ 129.2730, 21.8210,
17.5410

■ 129.2730, 21.8210,
17.5410

■ 118.8550, 29.1100,
23.1100

■ 139.6910, 14.5320,
11.9720

■ 108.5510, 36.0780,
28.9900

■ 149.9950, 7.5640,
6.0920

■ 98.1330, 43.3670,
34.5590

■ 160.4130, 0.2750,
0.5230

■ 87.8290, 50.3350,
40.4390

■ 170.7170, -6.6930,
-5.3570

■ 76.8240, 57.8990,
46.5310

■ 181.7220,
-14.2570, -11.4490

■ 66.5200, 64.8670,
52.4110


■ 192.0260,
-21.2250, -17.3290

■ 56.8030, 71.5600,
57.7680

■ 202.4440,
-28.5140, -22.8980

■ 212.7480,

-35.4820, -28.7780

 221.9920,
-42.2210, -33.3010

Harmonies

Analogous

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



129.1770, 4.5360, 16.9200



129.2730, 21.8210, 17.5410



128.6730, 32.1380, 12.2820

Triad

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



129.2730, 21.8210, 17.5410



123.9130, 12.8860, -13.2740



116.7630, -47.8650, -8.0970

Complementary

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



129.2730, 21.8210, 17.5410



143.7270, -21.8210, -17.5410

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.



115.2870, -43.8290, -15.1650



129.2730, 21.8210, 17.5410



121.3390, -6.0490, -17.0330

Square

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



129.2730, 21.8210, 17.5410



125.7840, 26.7310, -5.3730



118.2750, -26.3600, -17.8800



121.4320, -36.2670, 1.9810

Rectangle

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



129.2730, 21.8210, 17.5410



127.8810, 34.2480, 7.0800



118.2750, -26.3600, -17.8800



115.7690, -48.0020, -11.1220

Sweetspot

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



129.2730, 21.8210, 17.5410



196.7070, 8.4350, 6.8270



125.0610, -0.8290, 20.5390



97.1580, 5.5470, 4.0990



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



129.2730, 21.8210, 17.5410



159.1270, 34.3360, 27.5200



127.2380, 28.9290, 9.8650



76.1470, 4.0800, 3.1520



51.1070, 64.5920, 51.8880



6.2940, 8.1600, 6.3040

Inverse Universe

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



129.2730, 21.8210, 17.5410



159.1270, 34.3360, 27.5200



145.7620, -28.9290, -9.8650



76.1470, 4.0800, 3.1520



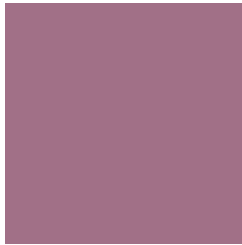
51.1070, 64.5920, 51.8880



6.2940, 8.1600, 6.3040

Previews

White Background



This preview shows how the YIQ color 129.2730, 21.8210, 17.5410 looks on a white background.

Color Contrast Check

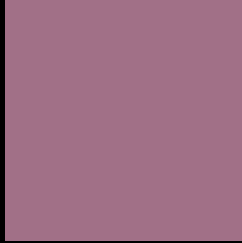
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.2730, 21.8210, 17.5410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

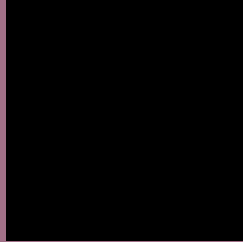
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.2730, 21.8210, 17.5410

Background



This preview shows how black text looks on a background with the YIQ color 129.2730, 21.8210, 17.5410.



This preview shows how white text looks on a background with the YIQ color 129.2730, 21.8210,

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

129.2730, 21.8210, 17.5410

Protanopia

127.4540, -6.9700, 5.1740

Deuteranopia

128.0270, 4.5380, 5.8660



Tritanopia

128.7800, 24.5270, 12.5510

Trichromacy



Original Color

129.2730, 21.8210, 17.5410

Protanomaly

128.0640, 3.1160, 9.6120

Deuteranomaly

128.4840, 10.6810, 10.1770

Tritanomaly

128.6490, 23.5180, 14.3180

Monochromacy



Original Color

129.2730, 21.8210, 17.5410

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.2940, 8.1600, 6.3040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.2730, 21.8210, 17.5410 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(161, 112, 135)` looks like.

```
.text, #text, p{  
    color:rgb(161, 112, 135)  
}
```

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(161, 112, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 112, 135) }
```

Border

The CSS property to change the border of an element to YIQ 129.2730, 21.8210, 17.5410 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(161, 112, 135) }
```


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

```
.border{ border-color:rgb(161, 112, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 112, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 112, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 112, 135); box-shadow:4px 4px 4px 4px rgb(161, 112, 135) }
```

Background

The CSS property to change the background color of an element to YIQ 129.2730, 21.8210, 17.5410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 112, 135) }
```

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

```
.background{ background-color: rgb(161,  
112, 135) }
```

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