

Converting Colors

YIQ(127.7310, 7.8870, -5.2730)

Have a look what the booklet for
YIQ(127.7310, 7.8870, -5.2730)
contains.

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Color

**YIQ(127.7310, 7.8870,
-5.2730)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 84816E |
| RGB | 132, 129, 110 |
| RGB Percent | 52%, 51%, 43% |
| CMY | 0.4824, 0.4941, 0.5686 |
| CMYK | 0.00, 0.02, 0.17, 0.48 |
| HSL | 52°, 9%, 47% |
| HSV | 52°, 17%, 52% |
| XYZ | 20.1807, 21.7316, 17.8862 |
| YIQ | 127.7310, 7.8870, -5.2730 |

Conversions

Conversions Part 2

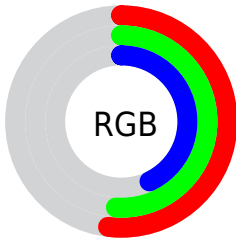
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 113, 132, 110 |
| Decimal | 8683886 |
| CIE Lab | 53.74, -2.32, 10.71 |
| CIE LCh | 54, 10.958, 102.223 |
| Yxy | 21.7316, 0.3375, 0.3634 |
| Android (android.graphics.Color) | 4286873966 (0xFF84816E) |
| YUV | 127.7310, -8.7414, 3.7439 |
| Hunter-Lab | 46.6172, -4.3070, 9.8835 |

Details

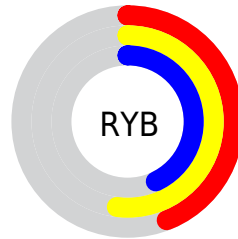
The YIQ color **127.7310, 7.8870, -5.2730** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **114.2690, -7.8870, 5.2730**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.6170, 8.2080, -5.5840**, and **78.5460, 6.9700, -5.1740** is the 20% darker color. If you saturate the color by 10%, you get **125.0750, 12.6100, -8.2700**, and if you desaturate by 10%, it is **130.3870, 3.1640, -2.2760**.

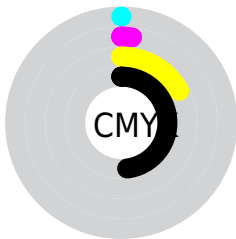
Distribution



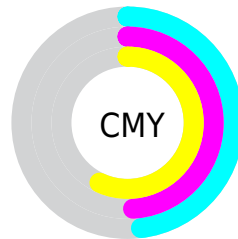
- Red (52%)
- Green (51%)
- Blue (43%)



- Red (44%)
- Yellow (52%)
- Blue (43%)



- Cyan (0%)
- Magenta (2%)
- Yellow (17%)
- Black (48%)



- Cyan (48%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.7310, 7.8870, -5.2730 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 127.7310, 7.8870, -5.2730 by changing the saturation by 10% instead.

■ 127.7310, 7.8870,
-5.2730

■ 127.7310, 7.8870,
-5.2730

■ 255.0000, -0.0000,
-0.0000

■ 102.8450, 7.5660,
-4.9620

■ 180.6170, 8.2080,
-5.5840

■ 78.5460, 6.9700,
-5.1740

■ 207.9160, 8.8040,
-5.3720

■ 55.6600, 6.6490,
-4.8630

■ 236.3890, 8.8500,
-6.2060

■ 34.4750, 5.7320,
-4.7640

■ 253.8600, 3.2100,
-3.1100

■ 12.4040, 4.4940,
-4.3540

■ 0.0000, 0.0000,
0.0000

■ 127.7310, 7.8870,
-5.2730

■ 127.7310, 7.8870,
-5.2730

■ 125.0750, 12.6100,
-8.2700

■ 130.3870, 3.1640,
-2.2760

■ 122.4190, 17.3330,
-11.2670

■ 133.0430, -1.5590,
0.7210

■ 120.2360, 22.1020,
-15.0980

■ 135.2260, -6.3280,
4.5520

■ 117.5800, 26.8250,
-18.0950

■ 137.8820,
-11.0510, 7.5490

■ 114.9240, 31.5480,
-21.0920

■ 140.5380,
-15.7740, 10.5460

■ 112.2680, 36.2710,
-24.0890

■ 143.1940,
-20.4970, 13.5430

■ 109.6120, 40.9940,
-27.0860

■ 145.8500,
-25.2200, 16.5400

■ 107.4290, 45.7630,

■ 148.0330,

-30.9170

-29.9890, 20.3710

■ 106.3860, 47.3220,
-31.6380

■ 150.6890,
-34.7120, 23.3680

Harmonies

Analogous

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



128.7750, 13.7550, -1.4850



127.7310, 7.8870, -5.2730



126.6590, -0.7780, -7.9300

Triad

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



127.7310, 7.8870, -5.2730



125.5400, -19.2560, -3.4480



130.5330, 8.9850, 7.8730

Complementary

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



127.7310, 7.8870, -5.2730



114.2690, -7.8870, 5.2730

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.



129.9280, 0.5030, 7.4070



127.7310, 7.8870, -5.2730



127.0290, -16.1390, 0.6370

Square

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



127.7310, 7.8870, -5.2730



125.1010, -16.6420, -6.7700



128.6710, -9.0790, 4.8490



130.1160, 14.5330, 6.4450

Rectangle

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



127.7310, 7.8870, -5.2730



125.7230, -6.8300, -8.3820



128.6710, -9.0790, 4.8490



130.2770, 6.8300, 8.3820

Sweetspot

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



127.7310, 7.8870, -5.2730



169.3870, 3.1640, -2.2760



116.9200, 12.1490, 5.5970



85.7290, 2.2010, -1.3430



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



127.7310, 7.8870, -5.2730



164.1890, 12.2890, -7.9590



127.1000, 2.2940, -8.5380



64.7290, 2.2010, -1.3430



104.6140, 46.6800, -31.0160



2.0710, 1.2380, -0.4100

Inverse Universe

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



114.2690, -7.8870, 5.2730



143.2240, -12.0140, 8.4820



114.9000, -2.2940, 8.5380



61.2710, -2.2010, 1.3430



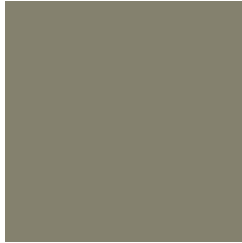
25.3860, -46.6800, 31.0160



0.3420, -0.9630, 0.9330

Previews

White Background



This preview shows how the YIQ color 127.7310, 7.8870, -5.2730 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 127.7310, 7.8870, -5.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

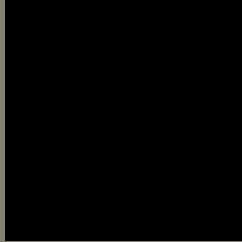
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

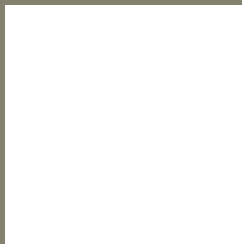
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 127.7310, 7.8870, -5.2730

Background



This preview shows how black text looks on a background with the YIQ color 127.7310, 7.8870, -5.2730.



This preview shows how white text looks on a background with the YIQ color 127.7310, 7.8870,

-5.2730.

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

127.7310, 7.8870, -5.2730

Protanopia

128.0410, 9.9500, -4.1140

Deuteranopia

129.3950, 17.8810, 0.8330



Tritanopia

129.1300, 2.7500, 5.2300

Trichromacy



Original Color

127.7310, 7.8870, -5.2730

Protanomaly

127.7420, 9.3540, -4.3260

Deuteranomaly

129.0740, 14.3510, -1.2730

Tritanomaly

128.3920, 4.7680, 1.6960

Monochromacy



Original Color

127.7310, 7.8870, -5.2730

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.5010, 2.8430, -1.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.7310, 7.8870, -5.2730 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(132, 129, 110)` looks like.

```
.text, #text, p{  
    color:rgb(132, 129, 110)  
}
```

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(132, 129, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 129, 110) }
```

Border

The CSS property to change the border of an element to YIQ 127.7310, 7.8870, -5.2730 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(132, 129, 110) }
```


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

```
.border{ border-color:rgb(132, 129, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 129, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 129, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 129, 110);  
box-shadow:4px 4px 4px 4px rgb(132, 129,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 127.7310, 7.8870, -5.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 129, 110) }
```

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

```
.background{ background-color: rgb(132,  
129, 110) }
```

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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