

Converting Colors

YIQ(128.9750, -6.8790, 9.0330)

Have a look what the booklet for
YIQ(128.9750, -6.8790, 9.0330)
contains.

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Color

**YIQ(128.9750, -6.8790,
9.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	807D98
RGB	128, 125, 152
RGB Percent	50%, 49%, 60%
CMY	0.4980, 0.5098, 0.4040
CMYK	0.16, 0.18, 0.00, 0.40
HSL	247°, 12%, 54%
HSV	247°, 18%, 60%
XYZ	21.9030, 21.5232, 32.7005
YIQ	128.9750, -6.8790, 9.0330

Conversions

Conversions Part 2

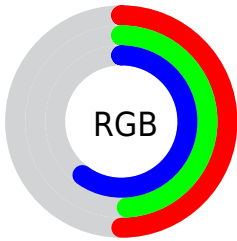
Format	Color
R_{YB}	128, 125, 152
Decimal	8420760
CIE Lab	53.52, 6.90, -14.08
CIE LCh	54, 15.677, 296.108
Yxy	21.5232, 0.2877, 0.2827
Android (android.graphics.Color)	4286610840 (0xFF807D98)
YUV	128.9750, 11.3513, -0.8551
Hunter-Lab	46.3931, 3.0849, -9.3158

Details

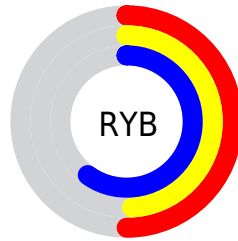
The YIQ color $128.9750, -6.8790, 9.0330$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $148.0250, 6.8790, -9.0330$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.0890, -7.2000, 9.3440$, and $79.7470, -6.2370, 8.4110$ is the 20% darker color. If you saturate the color by 10%, you get $116.2830, -10.5020, 14.1220$, and if you desaturate by 10%, it is $141.9660, -2.6600, 4.1560$.

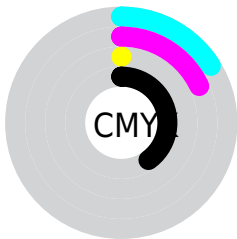
Distribution



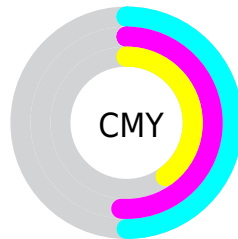
- Red (50%)
- Green (49%)
- Blue (60%)



- Red (50%)
- Yellow (49%)
- Blue (60%)



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.9750, -6.8790, 9.0330 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 128.9750, -6.8790, 9.0330 by changing the saturation by 10% instead.

■ 128.9750, -6.8790,
9.0330

■ 128.9750, -6.8790,
9.0330

■ 255.0000, -0.0000,
-0.0000

■ 103.8610, -6.5580,
8.7220

■ 182.0890, -7.2000,
9.3440

■ 79.7470, -6.2370,
8.4110

■ 209.6160, -7.2460,
10.1780

■ 56.9210, -6.7870,
7.3650

■ 236.7040, -4.6780,
7.6900

■ 34.8070, -6.4660,
7.0540

■ 12.9320, -5.3200,
8.3120

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,

0.0000

■ 128.9750, -6.8790,
9.0330

■ 128.9750, -6.8790,
9.0330

■ 116.2830,
-10.5020, 14.1220

■ 141.9660, -2.6600,
4.1560

■ 103.2920,
-14.7210, 18.9990

■ 154.6580, 0.9630,
-0.9330

■ 89.7140, -18.6650,
24.3990

■ 168.2360, 4.9070,
-6.3330

■ 77.0220, -22.2880,
29.4880

■ 180.9280, 8.5300,
-11.4220

■ 64.0310, -26.5070,
34.3650

■ 193.9190, 12.7490,
-16.2990

■ 51.3390, -30.1300,
39.4540

■ 206.6110, 16.3720,
-21.3880

■ 38.3480, -34.3490,
44.3310

■ 219.6020, 20.5910,
-26.2650

■ 25.0690, -37.6970,
49.9430

■ 232.8810, 23.9390,
-31.8770

■ 22.4110, -38.6600,
50.8760

■ 241.7630, 30.0830,
-33.0930

Harmonies

Analogous

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



126.7560, -19.6240, 3.2240



128.9750, -6.8790, 9.0330



130.3850, 6.6460, 11.7180

Triad

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



128.9750, -6.8790, 9.0330



128.8470, 22.4200, 1.1720



123.1990, -20.0340, -11.3780

Complementary

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



128.9750, -6.8790, 9.0330



148.0250, 6.8790, -9.0330

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.



124.3160, -7.2420, -11.9300



128.9750, -6.8790, 9.0330



127.3360, 16.3690, -4.8070

Square

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



128.9750, -6.8790, 9.0330



129.8350, 22.6940, 7.2220



126.3130, 6.0080, -9.7680



122.3000, -27.5080, -8.0840

Rectangle

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



128.9750, -6.8790, 9.0330



130.3920, 13.9360, 11.7600



126.3130, 6.0080, -9.7680



123.2380, -15.7700, -11.5620

Sweetspot

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



128.9750, -6.8790, 9.0330



188.3250, -2.2930, 3.0110



142.1660, -15.2670, -4.1550



93.9830, -1.3300, 2.0780



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



128.9750, -6.8790, 9.0330



161.1690, -10.1810, 13.8110



132.8620, 0.8690, 11.7890



70.2110, -1.9720, 2.7000



20.7440, -35.4040, 46.9320



1.7810, -3.5770, 4.2550

Inverse Universe

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



135.8090, 8.3880, 13.1880



171.4770, 12.5590, 20.1990



144.1380, -0.8690, -11.7890



72.1900, 2.5210, 3.8730



56.1100, 43.3150, 68.5550



5.1410, 4.2170, 6.1770

Previews

White Background



This preview shows how the YIQ color 128.9750, -6.8790, 9.0330 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 128.9750, -6.8790, 9.0330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

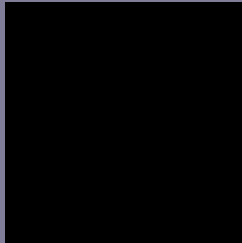
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.9750, -6.8790, 9.0330

Background



This preview shows how black text looks on a background with the YIQ color 128.9750, -6.8790, 9.0330.



This preview shows how white text looks on a background with the YIQ color 128.9750, -6.8790,

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

128.9750, -6.8790, 9.0330

Protanopia

128.4690, -11.3260, 7.0260

Deuteranopia

128.9750, -6.8790, 9.0330



Tritanopia

128.2430, -4.9980, 2.4740

Trichromacy



Original Color

128.9750, -6.8790, 9.0330

Protanomaly

128.4800, -9.8590, 7.9730

Deuteranomaly

128.9750, -6.8790, 9.0330

Tritanomaly

128.5250, -5.7320, 4.7640

Monochromacy



Original Color

128.9750, -6.8790, 9.0330

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.3250, -2.2930, 3.0110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.9750, -6.8790, 9.0330 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(128, 125, 152)` looks like.

```
.text, #text, p{  
    color:rgb(128, 125, 152)  
}
```

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(128, 125, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 125, 152) }
```

Border

The CSS property to change the border of an element to YIQ 128.9750, -6.8790, 9.0330 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(128, 125, 152) }
```


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

```
.border{ border-color:rgb(128, 125, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 125, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 125, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 125, 152);  
box-shadow:4px 4px 4px 4px rgb(128, 125,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 128.9750, -6.8790, 9.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 125, 152) }
```

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

```
.background{ background-color: rgb(128,  
125, 152) }
```

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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