

Converting Colors

YIQ(126.3300, -0.6890, 6.9830)

Have a look what the booklet for
YIQ(126.3300, -0.6890, 6.9830)
contains.

YIQ(126.3300, -0.6890, 6.9830)	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(126.3300, -0.6890,
6.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	827A8B
RGB	130, 122, 139
RGB Percent	51%, 48%, 55%
CMY	0.4902, 0.5216, 0.4549
CMYK	0.06, 0.12, 0.00, 0.45
HSL	268°, 7%, 51%
HSV	268°, 12%, 55%
XYZ	20.8261, 20.5286, 27.2893
YIQ	126.3300, -0.6890, 6.9830

Conversions

Conversions Part 2

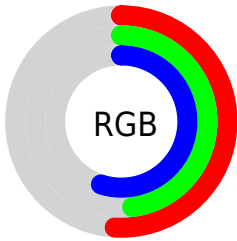
Format	Color
R_{YB}	130, 122, 139
Decimal	8551051
CIE _{Lab}	52.43, 6.48, -8.12
CIE _{LCh}	52, 10.385, 308.602
Yxy	20.5286, 0.3034, 0.2991
Android (android.graphics.Color)	4286741131 (0xFF827A8B)
YUV	126.3300, 6.2463, 3.2186
Hunter-Lab	45.3085, 2.7577, -3.9944

Details

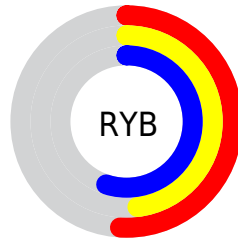
The YIQ color $126.3300, -0.6890, 6.9830$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $134.6700, 0.6890, -6.9830$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $178.7430, -0.4140, 7.5060$, and $77.2160, -0.3680, 6.6720$ is the 20% darker color. If you saturate the color by 10%, you get $116.0190, -1.0110, 12.8210$, and if you desaturate by 10%, it is $136.6410, -0.3670, 1.1450$.

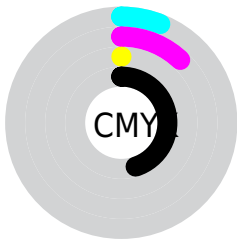
Distribution



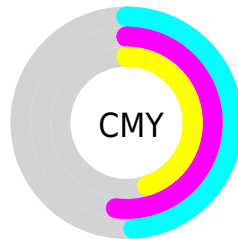
- Red (51%)
- Green (48%)
- Blue (55%)



- Red (51%)
- Yellow (48%)
- Blue (55%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (52%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.3300, -0.6890, 6.9830 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 126.3300, -0.6890, 6.9830 by changing the saturation by 10% instead.

■ 126.3300, -0.6890,
6.9830

■ 126.3300, -0.6890,
6.9830

■ 255.0000, -0.0000,
-0.0000

■ 101.3300, -0.6890,
6.9830

■ 178.7430, -0.4140,
7.5060

■ 77.2160, -0.3680,
6.6720

■ 206.7430, -0.4140,
7.5060

■ 54.8030, -0.6430,
6.1490

■ 234.8570, -0.7350,
7.8170

■ 33.3900, -0.9180,
5.6260

■ 10.3410, 0.7780,
7.9300

■ 0.0000, 0.0000,
0.0000

■ 126.3300, -0.6890,
6.9830

■ 126.3300, -0.6890,
6.9830

■ 116.0190, -1.0110,
12.8210

■ 136.6410, -0.3670,
1.1450

■ 105.4090, -1.9290,
18.4470

■ 147.2510, 0.5510,
-4.4810

■ 95.0980, -2.2510,
24.2850

■ 157.5620, 0.8730,
-10.3190

■ 84.7870, -2.5730,
30.1230

■ 167.8730, 1.1950,
-16.1570

■ 74.7640, -3.7660,
35.2260

■ 177.8960, 2.3880,
-21.2600

■ 64.4530, -4.0880,
41.0640

■ 188.2070, 2.7100,
-27.0980

■ 54.1420, -4.4100,
46.9020

■ 198.5180, 3.0320,
-32.9360

■ 43.5320, -5.3280,

■ 209.1280, 3.9500,

52.5280

-38.5620

■ 35.2810, -5.8790,
57.0090

■ 219.4390, 4.2720,
-44.4000

Harmonies

Analogous

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



125.2580, -9.3540, 4.3260



126.3300, -0.6890, 6.9830



127.0490, 7.4720, 7.7600

Triad

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



126.3300, -0.6890, 6.9830



125.3020, 13.7090, -0.6510



121.8840, -14.5330, -6.4450

Complementary

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



126.3300, -0.6890, 6.9830



134.6700, 0.6890, -6.9830

Split Complementary

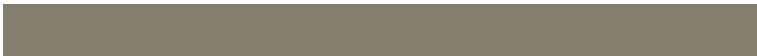
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



122.6520, -8.0680, -7.9720



126.3300, -0.6890, 6.9830



124.5570, 8.4370, -4.2270

Square

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



126.3300, -0.6890, 6.9830



126.1930, 15.6340, 3.0100



123.3710, 0.0930, -7.1950



122.6110, -18.0180, -3.8580

Rectangle

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



126.3300, -0.6890, 6.9830



126.9740, 12.0570, 7.2650



123.3710, 0.0930, -7.1950



121.8410, -12.9740, -7.1660

Sweetspot

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



126.3300, -0.6890, 6.9830



175.6950, -0.4590, 2.8130



129.2210, -7.9320, 0.5800



88.1680, -0.4130, 1.9790



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



126.3300, -0.6890, 6.9830



160.9650, -0.9190, 11.1530



128.7220, 4.0790, 8.6790



63.6950, -0.4590, 2.8130



33.7000, -5.7410, 54.5070



1.1680, -0.4130, 1.9790

Inverse Universe

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



128.1090, 7.2430, 6.4030



163.6690, 11.5980, 10.0780



132.2780, -4.0790, -8.6790



64.5490, 2.8880, 2.7280



47.7470, 56.7980, 49.9660



1.8370, 2.0170, 1.9930

Previews

White Background



This preview shows how the YIQ color 126.3300, -0.6890, 6.9830 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 126.3300, -0.6890, 6.9830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

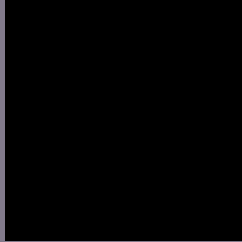
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.3300, -0.6890, 6.9830

Background



This preview shows how black text looks on a background with the YIQ color 126.3300, -0.6890, 6.9830.



This preview shows how white text looks on a background with the YIQ color 126.3300, -0.6890,

6.9830.

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

126.3300, -0.6890, 6.9830

Protanopia

125.5250, -5.7320, 4.7640

Deuteranopia

126.6290, -0.0930, 7.1950



Tritanopia

125.9340, 0.3660, 4.3820

Trichromacy



Original Color

126.3300, -0.6890, 6.9830

Protanomaly

125.8350, -3.6690, 5.9230

Deuteranomaly

126.6290, -0.0930, 7.1950

Tritanomaly

126.1620, -0.2760, 5.0040

Monochromacy



Original Color

126.3300, -0.6890, 6.9830

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.2820, -0.7340, 2.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.3300, -0.6890, 6.9830 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(130, 122, 139)` looks like.

```
.text, #text, p{  
    color:rgb(130, 122, 139)  
}
```

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(130, 122, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 122, 139) }
```

Border

The CSS property to change the border of an element to YIQ 126.3300, -0.6890, 6.9830 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(130, 122, 139) }
```


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

```
.border{ border-color:rgb(130, 122, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 122, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 122, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 122, 139);  
box-shadow:4px 4px 4px 4px rgb(130, 122,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 126.3300, -0.6890, 6.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 122, 139) }
```

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

```
.background{ background-color: rgb(130,  
122, 139) }
```

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