

Converting Colors

YIQ(126.2780, 57.8150, 3.9830)

Have a look what the booklet for
YIQ(126.2780, 57.8150, 3.9830)
contains.

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Color

**YIQ(126.2780, 57.8150,
3.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	B86C45
RGB	184, 108, 69
RGB Percent	72%, 42%, 27%
CMY	0.2783, 0.5766, 0.7291
CMYK	0.00, 0.41, 0.62, 0.28
HSL	20°, 45%, 50%
HSV	20°, 62%, 72%
XYZ	26.2121, 21.3441, 8.3793
YIQ	126.2780, 57.8150, 3.9830

Conversions

Conversions Part 2

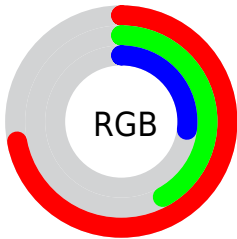
Format	Color
RYB	184, 128, 69
Decimal	12086341
CIELab	53.32, 26.64, 34.45
CIElCh	53, 43.554, 52.284
Yxy	21.3441, 0.4686, 0.3816
Android (android.graphics.Color)	4290276421 (0xFFB86C45)
YUV	126.2780, -28.2381, 50.6222
Hunter-Lab	46.1997, 20.4253, 21.5863

Details

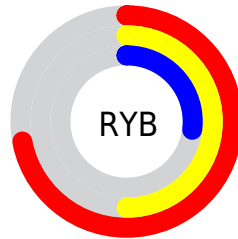
The YIQ color **126.2780, 57.8150, 3.9830** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **126.7220, -57.8150, -3.9830**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.3280, 63.5460, 4.7460**, and **74.9290, 51.4880, 3.0080** is the 20% darker color. If you saturate the color by 10%, you get **117.1820, 66.8930, 4.6610**, and if you desaturate by 10%, it is **135.3740, 48.7370, 3.3050**.

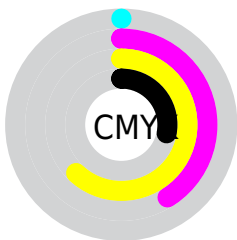
Distribution



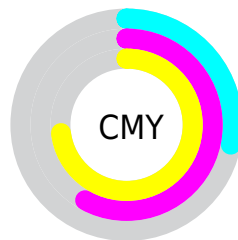
- Red (72%)
- Green (42%)
- Blue (27%)



- Red (72%)
- Yellow (50%)
- Blue (27%)



- Cyan (0%)
- Magenta (41%)
- Yellow (62%)
- Black (28%)





- Cyan (28%)
- Magenta (58%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.2780, 57.8150, 3.9830 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 126.2780, 57.8150, 3.9830 by changing the saturation by 10% instead.


 126.2780, 57.8150,
3.9830

 126.2780, 57.8150,
3.9830


255.0000, -0.0000,
-0.0000


 100.3100, 54.7890,
3.7570


 180.3280, 63.5460,
4.7460


 75.2280, 52.0840,
3.2200


 202.4300, 54.3310,
1.0430


 50.7330, 49.1040,
2.1600


 221.9440, 37.9640,
-5.2040

 28.8600, 38.7410,
8.2530

 242.0450, 21.3220,
-11.9740

 13.7540, 27.4160,
9.7520

 251.8080, 8.9880,
-8.7080

 0.0000, 0.0000,
0.0000

126.2780, 57.8150,
3.9830

126.2780, 57.8150,
3.9830

117.1820, 66.8930,
4.6610

135.3740, 48.7370,
3.3050

107.9720, 76.2920,
5.0280

144.5840, 39.3380,
2.9380

98.2890, 85.6450,
6.2290

154.2670, 29.9850,
1.7370

91.4100, 92.6140,
6.5820

163.4770, 20.5860,
1.3700

172.5730, 11.5080,
0.6920

181.6690, 2.4300,
0.0140

190.8790, -6.9690,
-0.3530

199.9750,

-16.0470, -1.0310

■ 209.7720,
-25.7210, -1.9210

Harmonies

Analogous

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



127.3560, 58.3160, 22.4440



126.2780, 57.8150, 3.9830



124.3710, 43.6510, -14.6610

Triad

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



126.2780, 57.8150, 3.9830



98.9260, -77.3860, -40.2820



127.5710, -28.5680, 22.1520

Complementary

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



126.2780, 57.8150, 3.9830



126.7220, -57.8150, -3.9830

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.



101.5720, -101.3710, -7.5710



126.2780, 57.8150, 3.9830



103.3720, -89.9050, -28.1530

Square

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



126.2780, 57.8150, 3.9830



115.1980, -19.4340, -33.2740



104.5580, -98.7560, -16.4200



131.0940, 12.7400, 33.4440

Rectangle

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



126.2780, 57.8150, 3.9830



122.0760, 28.0640, -24.0320



104.5580, -98.7560, -16.4200



124.0850, -44.9350, 15.9050

Sweetspot

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



126.2780, 57.8150, 3.9830



217.1460, 23.0160, 1.3840



112.1630, 43.8230, 48.3270



106.2420, 13.9380, 0.7060



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



126.2780, 57.8150, 3.9830



149.6270, 90.5050, 6.2570



159.7370, 42.1400, -25.8280



87.4520, 4.5390, 0.3390



77.7550, 78.4010, 5.3530



13.6550, 14.2130, 1.2290

Inverse Universe

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



126.7220, -57.8150, -3.9830



150.3730, -90.5050, -6.2570



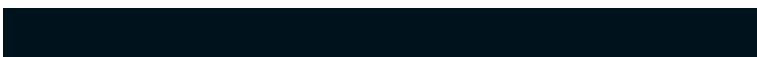
93.2630, -42.1400, 25.8280



87.5480, -4.5390, -0.3390



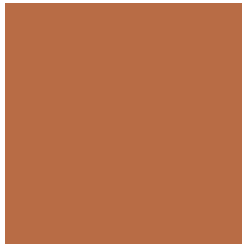
78.2450, -78.4010, -5.3530



14.3450, -14.2130, -1.2290

Previews

White Background



This preview shows how the YIQ color 126.2780, 57.8150, 3.9830 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 126.2780, 57.8150, 3.9830 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 126.2780, 57.8150, 3.9830

Background



This preview shows how black text looks on a background with the YIQ color 126.2780, 57.8150, 3.9830.



This preview shows how white text looks on a background with the YIQ color 126.2780, 57.8150,

3.9830.

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

126.2780, 57.8150, 3.9830

Protanopia

125.6600, 23.8440, -13.6280

Deuteranopia

126.0810, 38.8360, -9.9960



Tritanopia

128.9140, 47.8170, 19.9850

Trichromacy



Original Color

126.2780, 57.8150, 3.9830

Protanomaly

125.9930, 36.2680, -7.5080

Deuteranomaly

126.2500, 45.8500, -4.9500

Tritanomaly

128.0790, 51.4860, 14.0620

Monochromacy



Original Color

126.2780, 57.8150, 3.9830

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.7760, 21.1820, 1.5820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.2780, 57.8150, 3.9830 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(184, 108, 69)` looks like.

```
.text, #text, p{  
    color:rgb(184, 108, 69)  
}
```

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(184, 108, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 108, 69) }
```

Border

The CSS property to change the border of an element to YIQ 126.2780, 57.8150, 3.9830 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(184, 108, 69) }
```


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

```
.border{ border-color:rgb(184, 108, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 108, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 108, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 108, 69);  
box-shadow:4px 4px 4px 4px rgb(184, 108,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 126.2780, 57.8150, 3.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 108, 69) }
```

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

```
.background{ background-color: rgb(184,  
108, 69) }
```

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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