

Converting Colors

YIQ(126.7260, 42.9550, 31.0110)

Have a look what the booklet for
YIQ(126.7260, 42.9550, 31.0110)
contains.

YIQ(126.7260, 42.9550, 31.0110)	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(126.7260, 42.9550,
31.0110)**

Conversions

Conversions Part 1

Format	Color
Hex	BB5F84
RGB	187, 95, 132
RGB Percent	73%, 37%, 52%
CMY	0.2664, 0.6276, 0.4822
CMYK	0.00, 0.49, 0.29, 0.27
HSL	336°, 40%, 55%
HSV	336°, 49%, 73%
XYZ	28.7647, 20.4170, 24.2676
YIQ	126.7260, 42.9550, 31.0110

Conversions

Conversions Part 2

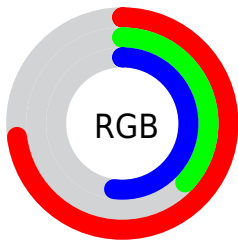
Format	Color
R_{YB}	187, 95, 132
Decimal	12279684
CIE _{Lab}	52.31, 41.27, -3.49
CIE _{LCh}	52, 41.422, 355.163
Yxy	20.4170, 0.3916, 0.2780
Android (android.graphics.Color)	4290469764 (0xFFBB5F84)
YUV	126.7260, 2.6001, 52.8603
Hunter-Lab	45.1852, 34.5583, -0.2133

Details

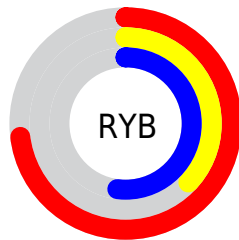
The YIQ color **126.7260, 42.9550, 31.0110** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **155.2740, -42.9550, -31.0110**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.2210, 45.9350, 32.0710**, and **74.4590, 39.3330, 30.5730** is the 20% darker color. If you saturate the color by 10%, you get **114.3190, 51.7110, 37.5270**, and if you desaturate by 10%, it is **139.1330, 34.1990, 24.4950**.

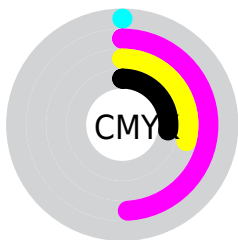
Distribution



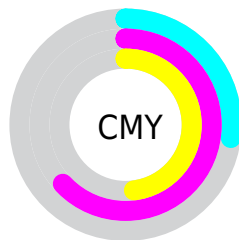
- Red (73%)
- Green (37%)
- Blue (52%)



- Red (73%)
- Yellow (37%)
- Blue (52%)



- Cyan (0%)
- Magenta (49%)
- Yellow (29%)
- Black (27%)




- Cyan (27%)
- Magenta (63%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.7260, 42.9550, 31.0110 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 126.7260, 42.9550, 31.0110 by changing the saturation by 10% instead.


 126.7260, 42.9550,
31.0110


 126.7260, 42.9550,
31.0110


255.0000, -0.0000,
-0.0000


 100.2420, 41.4420,
30.8980


 181.2210, 45.9350,
32.0710

 74.4590, 39.3330,
30.5730


 203.2520, 35.4820,
28.7780


 46.7410, 38.5990,
32.8630

 222.8800, 18.7940,
22.8420

 27.6540, 34.2900,
28.3540

 241.4990, 6.3250,
12.0290

 17.7850, 26.1310,
16.5230

 5.6810, 11.3240,
4.0280

 0.0000, 0.0000,

0.0000

■ 126.7260, 42.9550,
31.0110

■ 126.7260, 42.9550,
31.0110

■ 114.3190, 51.7110,
37.5270

■ 139.1330, 34.1990,
24.4950

■ 102.4990, 60.1920,
43.5200

■ 150.9530, 25.7180,
18.5020

■ 90.0920, 68.9480,
50.0360

■ 163.4740, 16.6410,
12.2970

■ 77.5710, 78.0250,
56.2410

■ 175.8810, 7.8850,
5.7810

■ 65.1640, 86.7810,
62.7570

■ 187.7010, -0.5960,
-0.2120

■ 64.4630, 87.3770,
62.9690

■ 200.1080, -9.3520,
-6.7280

■ 212.5150,
-18.1080, -13.2440

■ 224.9220,
-26.8640, -19.7600

■ 232.1600,
-33.4660, -21.2580

Harmonies

Analogous

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



128.7090, 15.2620, 31.7900



126.7260, 42.9550, 31.0110



125.1060, 56.0240, 19.9280

Triad

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



126.7260, 42.9550, 31.0110



118.7800, 14.2180, -26.4060



102.3410, -96.6470, -16.0950

Complementary

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



126.7260, 42.9550, 31.0110



155.2740, -42.9550, -31.0110

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.



100.9100, -88.4840, -26.3720



126.7260, 42.9550, 31.0110



112.5830, -21.9560, -31.6200

Square

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



126.7260, 42.9550, 31.0110



122.1040, 40.0290, -15.0990



96.8060, -76.9280, -37.5680



110.2010, -75.1010, 0.9230

Rectangle

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



126.7260, 42.9550, 31.0110



124.4290, 56.0720, 8.0400



96.8060, -76.9280, -37.5680



102.0160, -94.3540, -19.1060

Sweetspot

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



126.7260, 42.9550, 31.0110



218.4740, 16.6410, 12.2970



121.6340, 2.6520, 40.0600



107.6040, 10.2230, 7.4630



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



126.7260, 42.9550, 31.0110



148.3690, 66.6100, 48.3540



127.2040, 52.6320, 15.3200



88.1470, 4.0800, 3.1520



54.5380, 73.6240, 53.4000



10.6370, 14.6240, 10.3040

Inverse Universe

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



126.7260, 42.9550, 31.0110



148.3690, 66.6100, 48.3540



154.7960, -52.6320, -15.3200



88.1470, 4.0800, 3.1520



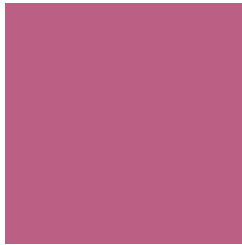
54.5380, 73.6240, 53.4000



10.6370, 14.6240, 10.3040

Previews

White Background



This preview shows how the YIQ color 126.7260, 42.9550, 31.0110 looks on a white background.

Color Contrast Check

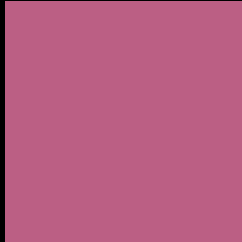
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.7260, 42.9550, 31.0110 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 126.7260, 42.9550, 31.0110

Background



This preview shows how black text looks on a background with the YIQ color 126.7260, 42.9550, 31.0110.



This preview shows how white text looks on a background with the YIQ color 126.7260, 42.9550,

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

126.7260, 42.9550, 31.0110

Protanopia

125.8820, -11.0510, 7.5490

Deuteranopia

126.2830, 6.6930, 5.3570



Tritanopia

126.2130, 48.4130, 20.1970

Trichromacy



Original Color

126.7260, 42.9550, 31.0110

Protanomaly

125.8030, 8.5250, 16.2130

Deuteranomaly

126.7950, 20.1710, 14.4030

Tritanomaly

126.3640, 46.6700, 24.2540

Monochromacy



Original Color

126.7260, 42.9550, 31.0110

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.7620, 15.7700, 11.5620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.7260, 42.9550, 31.0110 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(187, 95, 132)` looks like.

```
.text, #text, p{  
    color:rgb(187, 95, 132)  
}
```

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(187, 95, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 95, 132) }
```

Border

The CSS property to change the border of an element to YIQ 126.7260, 42.9550, 31.0110 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(187, 95, 132) }
```


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

```
.border{ border-color:rgb(187, 95, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 95, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 95, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 95, 132);  
box-shadow:4px 4px 4px 4px rgb(187, 95,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 126.7260, 42.9550, 31.0110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 95, 132) }
```

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

```
.background{ background-color: rgb(187, 95,  
132) }
```

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