

Converting Colors

YIQ(126.1340, 33.5990, 46.3910)

Have a look what the booklet for
YIQ(126.1340, 33.5990, 46.3910)
contains.

YIQ(126.1340, 33.5990, 46.3910)	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(126.1340, 33.5990,
46.3910)**

Conversions

Conversions Part 1

Format	Color
Hex	BB57A8
RGB	187, 87, 168
RGB Percent	73%, 34%, 66%
CMY	0.2664, 0.6590, 0.3411
CMYK	0.00, 0.54, 0.10, 0.27
HSL	311°, 42%, 54%
HSV	311°, 54%, 73%
XYZ	30.9859, 20.2115, 39.3227
YIQ	126.1340, 33.5990, 46.3910

Conversions

Conversions Part 2

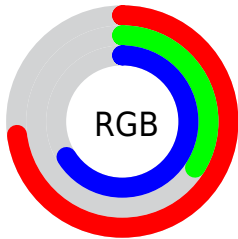
Format	Color
R _Y B	187, 87, 168
Decimal	12277672
CIE Lab	52.08, 50.69, -25.05
CIE LCh	52, 56.546, 333.699
Yxy	20.2115, 0.3423, 0.2233
Android (android.graphics.Color)	4290467752 (0xFFBB57A8)
YUV	126.1340, 20.6399, 53.3795
Hunter-Lab	44.9572, 44.3525, -20.3890

Details

The YIQ color $126.1340, 33.5990, 46.3910$ is a dark color, and the websafe version is hex $CC66CC$. A complement of this color would be $147.8660, -33.5990, -46.3910$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $181.4440, 35.6620, 47.5500$, and $71.1770, 32.0400, 47.1120$ is the 20% darker color. If you saturate the color by 10%, you get $114.5250, 40.1080, 55.0840$, and if you desaturate by 10%, it is $137.7430, 27.0900, 37.6980$.

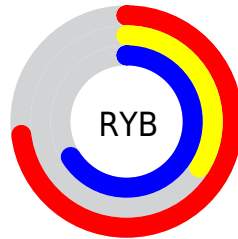
Distribution



Red (73%)

Green (34%)

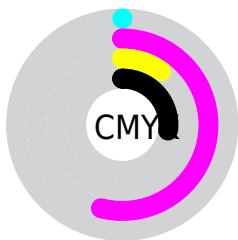
Blue (66%)



Red (73%)

Yellow (34%)

Blue (66%)

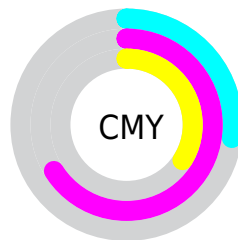


Cyan (0%)

Magenta (54%)

Yellow (10%)

Black (27%)



Cyan (27%)


Magenta (66%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.1340, 33.5990, 46.3910 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 126.1340, 33.5990, 46.3910 by changing the saturation by 10% instead.


 126.1340, 33.5990,
46.3910


 126.1340, 33.5990,
46.3910


255.0000, -0.0000,
-0.0000


 98.8350, 33.0030,
46.1790


 181.4440, 35.6620,
47.5500

 71.1770, 32.0400,
47.1120


 203.5890, 24.8880,
44.5680

 41.4700, 32.7730,
50.3490


 220.3670, 16.2250,
30.8570

 30.9600, 24.9810,
37.3730

 237.3900, 8.2500,
15.6900

 21.2760, 17.7390,
25.4430

254.4130, 0.2750,
0.5230

 9.7980, 6.9210,
12.2410

 0.0000, 0.0000,

0.0000

■ 126.1340, 33.5990,
46.3910

■ 126.1340, 33.5990,
46.3910

■ 114.5250, 40.1080,
55.0840

■ 137.7430, 27.0900,
37.6980

■ 103.6170, 46.0210,
63.5650

■ 148.6510, 21.1770,
29.2170

■ 92.0080, 52.5300,
72.2580

■ 160.2600, 14.6680,
20.5240

■ 80.5130, 58.7180,
81.2620

■ 171.7550, 8.4800,
11.5200

■ 73.1270, 62.9810,
86.6050

■ 183.3640, 1.9710,
2.8270

■ 194.2720, -3.9420,
-5.6540

■ 205.8810,
-10.4510, -14.3470

■ 217.4900,
-16.9600, -23.0400

■ 228.3980,
-22.8730, -31.5210

Harmonies

Analogous

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



126.8210, -17.1080, 34.7320



126.1340, 33.5990, 46.3910



121.0820, 65.7400, 42.0920

Triad

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



126.1340, 33.5990, 46.3910



116.1150, 49.5230, -32.9810



105.8800, -96.9670, -21.3110

Complementary

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



126.1340, 33.5990, 46.3910



147.8660, -33.5990, -46.3910

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.



100.9950, -81.8340, -36.7620



126.1340, 33.5990, 46.3910



112.2160, 6.5180, -41.0500

Square

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



126.1340, 33.5990, 46.3910



120.4020, 68.7290, -6.5910



93.5340, -64.9590, -50.7430



106.2340, -106.2310, -7.5990

Rectangle

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



126.1340, 33.5990, 46.3910



119.7820, 74.9120, 30.0480



93.5340, -64.9590, -50.7430



104.7570, -92.4270, -26.4990

Sweetspot

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



126.1340, 33.5990, 46.3910



218.3090, 12.9720, 18.2200



103.7820, -21.3720, 34.9160



108.0430, 7.6090, 10.7850



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.



126.1340, 33.5990, 46.3910



147.7090, 51.9340, 72.0460



120.5480, 49.3280, 31.1520



88.6030, 2.7960, 4.3960



61.8340, 53.0800, 73.3040



12.1190, 10.4510, 14.3470

Inverse Universe

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



126.1340, 33.5990, 46.3910



147.7090, 51.9340, 72.0460



153.4520, -49.3280, -31.1520



88.6030, 2.7960, 4.3960



61.8340, 53.0800, 73.3040



12.1190, 10.4510, 14.3470

Previews

White Background



This preview shows how the YIQ color 126.1340, 33.5990, 46.3910 looks on a white background.

Color Contrast Check

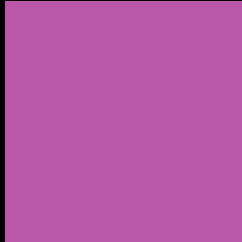
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.1340, 33.5990, 46.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

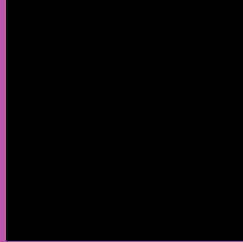
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.1340, 33.5990, 46.3910

Background



This preview shows how black text looks on a background with the YIQ color 126.1340, 33.5990, 46.3910.



This preview shows how white text looks on a background with the YIQ color 126.1340, 33.5990,

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

126.1340, 33.5990, 46.3910

Protanopia

122.9610, -38.6540, 17.7140

Deuteranopia

125.6520, -16.0950, 10.8570



Tritanopia

125.7180, 45.4330, 19.1370

Trichromacy



Original Color

126.1340, 33.5990, 46.3910

Protanomaly

124.0570, -12.2010, 28.3990

Deuteranomaly

125.7240, 1.7380, 23.5780

Tritanomaly

125.8890, 40.9380, 29.0180

Monochromacy



Original Color

126.1340, 33.5990, 46.3910

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.0700, 12.1470, 16.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.1340, 33.5990, 46.3910 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, 87, 168)` looks like.

```
.text, #text, p{  
    color:rgb(187, 87, 168)  
}
```

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, 87, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 87, 168) }
```

Border

The CSS property to change the border of an element to YIQ 126.1340, 33.5990, 46.3910 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, 87, 168) }
```


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

```
.border{ border-color:rgb(187, 87, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 87, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 87, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 87, 168);  
box-shadow:4px 4px 4px 4px rgb(187, 87,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 126.1340, 33.5990, 46.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 87, 168) }
```

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

```
.background{ background-color: rgb(187, 87,  
168) }
```

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