

Converting Colors

YIQ(118.2880, 26.6330, 29.4570)

Have a look what the booklet for
YIQ(118.2880, 26.6330, 29.4570)
contains.

YIQ(118.2880, 26.6330, 29.4570)	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(118.2880, 26.6330,
29.4570)**

Conversions

Conversions Part 1

Format	Color
Hex	A25C8B
RGB	162, 92, 139
RGB Percent	64%, 36%, 55%
CMY	0.3645, 0.6393, 0.4548
CMYK	0.00, 0.43, 0.14, 0.36
HSL	320°, 28%, 50%
HSV	320°, 43%, 64%
XYZ	23.3965, 17.2004, 26.5197
YIQ	118.2880, 26.6330, 29.4570

Conversions

Conversions Part 2

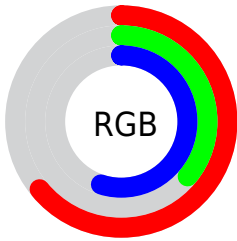
Format	Color
R_{YB}	162, 92, 139
Decimal	10640523
CIE _{Lab}	48.51, 35.29, -13.67
CIE _{LCh}	49, 37.848, 338.820
Yxy	17.2004, 0.3486, 0.2563
Android (android.graphics.Color)	4288830603 (0xFFA25C8B)
YUV	118.2880, 10.2110, 38.3354
Hunter-Lab	41.4734, 28.1194, -8.8810

Details

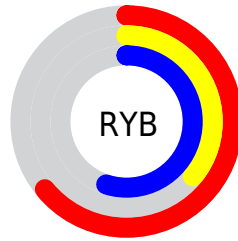
The YIQ color **118.2880, 26.6330, 29.4570** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **135.7120, -26.6330, -29.4570**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.7120, 28.3750, 30.9270**, and **67.9780, 24.5700, 28.2980** is the 20% darker color. If you saturate the color by 10%, you get **108.3260, 32.6380, 36.2700**, and if you desaturate by 10%, it is **128.2500, 20.6280, 22.6440**.

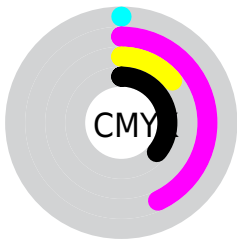
Distribution



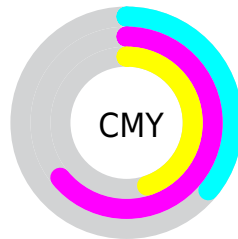
- Red (64%)
- Green (36%)
- Blue (55%)



- Red (64%)
- Yellow (36%)
- Blue (55%)



- Cyan (0%)
- Magenta (43%)
- Yellow (14%)
- Black (36%)





- Cyan (36%)
- Magenta (64%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.2880, 26.6330, 29.4570 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 118.2880, 26.6330, 29.4570 by changing the saturation by 10% instead.


 118.2880, 26.6330,
29.4570


 118.2880, 26.6330,
29.4570


255.0000, -0.0000,
-0.0000


 92.6900, 25.4410,
29.0330


 171.7120, 28.3750,
30.9270


 67.9780, 24.5700,
28.2980


 199.3100, 29.5670,
31.3510

 42.2060, 23.9280,
28.9200

 221.4440, 17.3260,
27.4220

 22.2440, 20.7650,
25.6690

 238.5640, 7.7000,
14.6440

 13.9840, 15.2650,
15.2090

 0.0000, 0.0000,
0.0000

■ 118.2880, 26.6330,
29.4570

■ 118.2880, 26.6330,
29.4570

■ 108.3260, 32.6380,
36.2700

■ 128.2500, 20.6280,
22.6440

■ 98.2500, 38.9640,
42.7720

■ 138.3260, 14.3020,
16.1420

■ 87.7010, 45.2440,
50.1080

■ 148.8750, 8.0220,
8.8060

■ 77.7390, 51.2490,
56.9210

■ 158.8370, 2.0170,
1.9930

■ 67.6630, 57.5750,
63.4230

■ 168.9130, -4.3090,
-4.5090


■ 60.8640, 61.5630,
68.2430

■ 178.8750,
-10.3140, -11.3220

■ 188.8370,
-16.3190, -18.1350

■ 199.5000,

-22.9200, -25.1600

 209.4620,
-28.9250, -31.9730

Harmonies

Analogous

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



118.1410, -3.8100, 25.0060



118.2880, 26.6330, 29.4570



116.1790, 45.7530, 24.3530

Triad

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



118.2880, 26.6330, 29.4570



111.1670, 26.5500, -18.6180



93.8660, -85.1840, -20.0960

Complementary

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



118.2880, 26.6330, 29.4570



135.7120, -26.6330, -29.4570

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.



91.6200, -76.1040, -30.4720



118.2880, 26.6330, 29.4570



107.7660, -0.3620, -26.4900

Square

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



118.2880, 26.6330, 29.4570



113.6520, 44.6580, -5.3740



99.8400, -38.7370, -30.3610



93.2110, -90.2290, -11.2610

Rectangle

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



118.2880, 26.6330, 29.4570



115.2470, 51.0730, 16.0410



99.8400, -38.7370, -30.3610



93.4270, -82.5700, -23.4180

Sweetspot

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



118.2880, 26.6330, 29.4570



194.5380, 10.5890, 11.8450



106.5580, -9.3580, 26.4340



96.3370, 6.6010, 7.0250



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



118.2880, 26.6330, 29.4570



143.2120, 42.1270, 46.0230



114.4120, 37.5470, 18.8830



76.3750, 3.4380, 3.7740



54.5270, 54.9620, 61.2180



6.7500, 6.8760, 7.5480

Inverse Universe

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



118.2880, 26.6330, 29.4570



143.2120, 42.1270, 46.0230



139.5880, -37.5470, -18.8830



76.3750, 3.4380, 3.7740



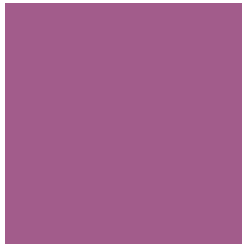
54.5270, 54.9620, 61.2180



6.7500, 6.8760, 7.5480

Previews

White Background



This preview shows how the YIQ color 118.2880, 26.6330, 29.4570 looks on a white background.

Color Contrast Check

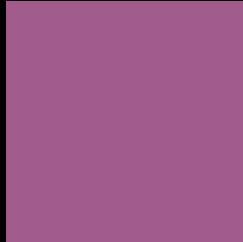
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 118.2880, 26.6330, 29.4570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

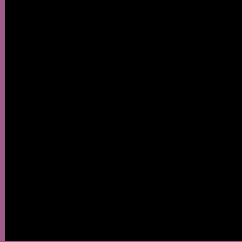
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 118.2880, 26.6330, 29.4570

Background



This preview shows how black text looks on a background with the YIQ color 118.2880, 26.6330, 29.4570.



This preview shows how white text looks on a background with the YIQ color 118.2880, 26.6330,

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

118.2880, 26.6330, 29.4570

Protanopia

115.6840, -19.1210, 10.6310

Deuteranopia

116.7040, -4.6780, 7.6900



Tritanopia

117.4390, 32.9170, 14.6850

Trichromacy



Original Color

118.2880, 26.6330, 29.4570

Protanomaly

116.5830, -2.4790, 17.4010

Deuteranomaly

116.9060, 6.7370, 15.5770

Tritanomaly

117.3450, 30.4860, 20.1980

Monochromacy



Original Color

118.2880, 26.6330, 29.4570

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.4130, 9.4430, 10.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.2880, 26.6330, 29.4570 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(162, 92, 139)` looks like.

```
.text, #text, p{  
    color:rgb(162, 92, 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(162, 92, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 92, 139) }
```

Border

The CSS property to change the border of an element to YIQ 118.2880, 26.6330, 29.4570 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(162, 92, 139) }
```


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

```
.border{ border-color:rgb(162, 92, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 92, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 92, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 92, 139);  
box-shadow:4px 4px 4px 4px rgb(162, 92,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 118.2880, 26.6330, 29.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 92, 139) }
```

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

```
.background{ background-color: rgb(162, 92,  
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](#).

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