

Converting Colors

YIQ(128.4180, 11.0470, 14.5590)

Have a look what the booklet for
YIQ(128.4180, 11.0470, 14.5590)
contains.

YIQ(128.4180, 11.0470, 14.5590)	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(128.4180, 11.0470,
14.5590)**

Conversions

Conversions Part 1

Format	Color
Hex	94748D
RGB	148, 116, 141
RGB Percent	58%, 45%, 55%
CMY	0.4195, 0.5451, 0.4470
CMYK	0.00, 0.22, 0.05, 0.42
HSL	313°, 13%, 52%
HSV	313°, 22%, 58%
XYZ	23.2690, 20.7091, 27.9726
YIQ	128.4180, 11.0470, 14.5590

Conversions

Conversions Part 2

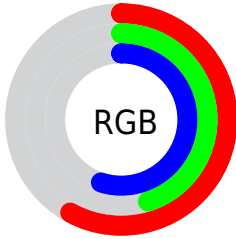
Format	Color
R _Y B	148, 116, 141
Decimal	9729165
CIE Lab	52.63, 16.97, -8.81
CIE LCh	53, 19.123, 332.552
Yxy	20.7091, 0.3234, 0.2878
Android (android.graphics.Color)	4287919245 (0xFF94748D)
YUV	128.4180, 6.2029, 17.1734
Hunter-Lab	45.5072, 11.6341, -4.5896

Details

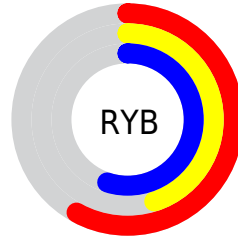
The YIQ color $128.4180, 11.0470, 14.5590$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $135.5820, -11.0470, -14.5590$, and the grayscale version is $128.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $181.2440, 11.5970, 15.6050$, and $79.2930, 9.9010, 13.3010$ is the 20% darker color. If you saturate the color by 10%, you get $119.2710, 16.1350, 21.4710$, and if you desaturate by 10%, it is $137.5650, 5.9590, 7.6470$.

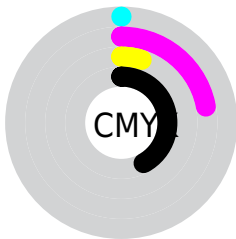
Distribution



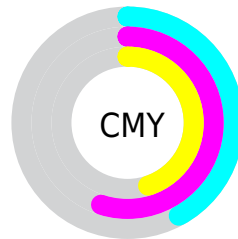
- Red (58%)
- Green (45%)
- Blue (55%)



- Red (58%)
- Yellow (45%)
- Blue (55%)



- Cyan (0%)
- Magenta (22%)
- Yellow (5%)
- Black (42%)



- Cyan (42%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.4180, 11.0470, 14.5590 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 128.4180, 11.0470, 14.5590 by changing the saturation by 10% instead.

■ 128.4180, 11.0470,
14.5590

■ 128.4180, 11.0470,
14.5590

■ 255.0000, -0.0000,
-0.0000

■ 103.0050, 10.7720,
14.0360

■ 181.2440, 11.5970,
15.6050

■ 79.2930, 9.9010,
13.3010

■ 208.9560, 12.4680,
16.3400

■ 55.8800, 9.6260,
12.7780

■ 235.7600, 10.0840,
15.4920

■ 34.1680, 8.7550,
12.0430

■ 253.2390, 0.8250,
1.5690

■ 11.8200, 9.8550,
14.1350

■ 0.0000, 0.0000,
0.0000

■ 128.4180, 11.0470,
14.5590

■ 128.4180, 11.0470,
14.5590

■ 119.2710, 16.1350,
21.4710

■ 137.5650, 5.9590,
7.6470

■ 110.1240, 21.2230,
28.3830

■ 146.7120, 0.8710,
0.7350

■ 101.4500, 26.3570,
34.4610

■ 155.3860, -4.2630,
-5.3430

■ 92.3030, 31.4450,
41.3730

■ 164.5330, -9.3510,
-12.2550

■ 83.1560, 36.5330,
48.2850

■ 173.6800,
-14.4390, -19.1670

■ 74.0090, 41.6210,
55.1970

■ 182.8270,
-19.5270, -26.0790

■ 64.7480, 47.0300,
61.7980


■ 192.0880,
-24.9360, -32.6800

■ 57.4760, 50.9720,

■ 200.6480,

67.4520

-29.7490, -39.0690

 209.7950,
-34.8370, -45.9810

Harmonies

Analogous

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



127.3390, -4.9080, 11.8600



128.4180, 11.0470, 14.5590



128.4100, 22.6930, 12.7490

Triad

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



128.4180, 11.0470, 14.5590



124.6410, 16.8280, -7.6200



118.2820, -36.2650, -9.0730

Complementary

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



128.4180, 11.0470, 14.5590



135.5820, -11.0470, -14.5590

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.



118.7250, -27.5070, -13.6110



128.4180, 11.0470, 14.5590



122.7640, 3.1200, -12.4960

Square

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



128.4180, 11.0470, 14.5590



126.0600, 26.1340, -0.0580



120.5110, -12.2850, -14.1490



120.4660, -33.6070, -2.1750

Rectangle

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



128.4180, 11.0470, 14.5590



127.4550, 26.8200, 9.5400



120.5110, -12.2850, -14.1490



118.5980, -34.3390, -10.9390

Sweetspot

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



128.4180, 11.0470, 14.5590



184.3150, 3.6670, 5.1310



121.7410, -6.1000, 11.4360



92.6630, 2.5670, 3.0390



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



128.4180, 11.0470, 14.5590



160.9830, 17.0060, 22.2060



126.5940, 16.1830, 9.5830



69.6630, 2.5670, 3.0390



53.5740, 47.5800, 62.8440



3.9020, 3.3920, 4.6080

Inverse Universe

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



128.4180, 11.0470, 14.5590



160.9830, 17.0060, 22.2060



137.4060, -16.1830, -9.5830



69.6630, 2.5670, 3.0390



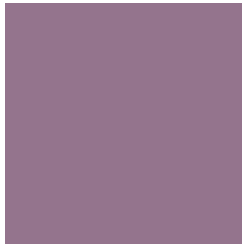
53.5740, 47.5800, 62.8440



3.9020, 3.3920, 4.6080

Previews

White Background



This preview shows how the YIQ color 128.4180, 11.0470, 14.5590 looks on a white background.

Color Contrast Check

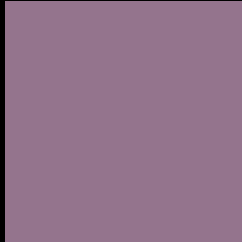
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.4180, 11.0470, 14.5590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

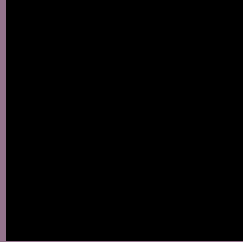
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.4180, 11.0470, 14.5590

Background



This preview shows how black text looks on a background with the YIQ color 128.4180, 11.0470, 14.5590.



This preview shows how white text looks on a background with the YIQ color 128.4180, 11.0470,

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

128.4180, 11.0470, 14.5590

Protanopia

126.6110, -8.8500, 6.2060

Deuteranopia

127.0420, 0.1820, 7.7180



Tritanopia

127.5120, 13.4780, 9.0460

Trichromacy



Original Color

128.4180, 11.0470, 14.5590

Protanomaly

127.3130, -2.0190, 9.0610

Deuteranomaly

127.6620, 4.3080, 10.0360

Tritanomaly

127.7940, 12.7440, 11.3360

Monochromacy



Original Color

128.4180, 11.0470, 14.5590

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.3150, 3.6670, 5.1310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.4180, 11.0470, 14.5590 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(148, 116, 141)` looks like.

```
.text, #text, p{  
    color:rgb(148, 116, 141)  
}
```

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(148, 116, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 116, 141) }
```

Border

The CSS property to change the border of an element to YIQ 128.4180, 11.0470, 14.5590 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(148, 116, 141) }
```


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

```
.border{ border-color:rgb(148, 116, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 116, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 116, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 116, 141);  
box-shadow:4px 4px 4px 4px rgb(148, 116,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 128.4180, 11.0470, 14.5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 116, 141) }
```

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

```
.background{ background-color: rgb(148,  
116, 141) }
```

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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