

Converting Colors

YIQ(101.5690, 18.4720, 28.6800)

Have a look what the booklet for
YIQ(101.5690, 18.4720, 28.6800)
contains.

YIQ(101.5690, 18.4720, 28.6800)	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(101.5690, 18.4720,
28.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	894E82
RGB	137, 78, 130
RGB Percent	54%, 31%, 51%
CMY	0.4626, 0.6942, 0.4902
CMYK	0.00, 0.43, 0.05, 0.46
HSL	307°, 27%, 42%
HSV	307°, 43%, 54%
XYZ	17.0762, 12.3793, 22.6115
YIQ	101.5690, 18.4720, 28.6800

Conversions

Conversions Part 2

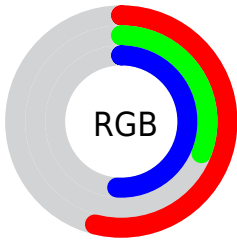
Format	Color
RYB	137, 78, 130
Decimal	8998530
CIELab	41.81, 32.94, -18.76
CIELCh	42, 37.908, 330.339
Yxy	12.3793, 0.3280, 0.2378
Android (android.graphics.Color)	4287188610 (0xFF894E82)
YUV	101.5690, 14.0165, 31.0730
Hunter-Lab	35.1842, 25.0603, -13.4743

Details

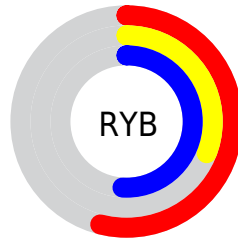
The YIQ color **101.5690, 18.4720, 28.6800** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **113.4310, -18.4720, -28.6800**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9930, 20.2140, 30.1500**, and **52.1450, 16.7300, 27.2100** is the 20% darker color. If you saturate the color by 10%, you get **93.1230, 22.9640, 35.3800**, and if you desaturate by 10%, it is **110.0150, 13.9800, 21.9800**.

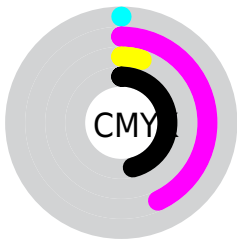
Distribution



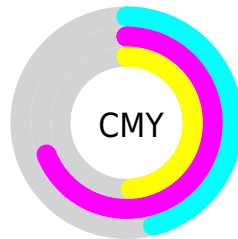
- Red (54%)
- Green (31%)
- Blue (51%)



- Red (54%)
- Yellow (31%)
- Blue (51%)



- Cyan (0%)
- Magenta (43%)
- Yellow (5%)
- Black (46%)



- Cyan (46%)
- Magenta (69%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.5690, 18.4720, 28.6800 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 101.5690, 18.4720, 28.6800 by changing the saturation by 10% instead.

101.5690, 18.4720,
28.6800

101.5690, 18.4720,
28.6800

255.0000, -0.0000,
-0.0000

76.8570, 17.6010,
27.9450

153.9930, 20.2140,
30.1500

52.1450, 16.7300,
27.2100

180.8190, 20.7640,
31.1960

27.0850, 16.9590,
28.5670

208.5310, 21.6350,
31.9310

16.0640, 12.2840,
19.6760

228.5850, 12.3750,
23.5350

1.2540, -3.5310,
3.4210

245.6080, 4.4000,
8.3680

0.0000, 0.0000,
0.0000

101.5690, 18.4720,
28.6800

101.5690, 18.4720,
28.6800

93.1230, 22.9640,
35.3800

110.0150, 13.9800,
21.9800

85.3780, 26.8600,
41.8680

117.7600, 10.0840,
15.4920

76.9320, 31.3520,
48.5680

126.2060, 5.5920,
8.7920

68.4860, 35.8440,
55.2680

134.6520, 1.1000,
2.0920

60.1540, 40.0150,
62.2790

142.9840, -3.0710,
-4.9190


54.7570, 42.8110,
66.6750

150.8430, -7.2880,
-11.0960

159.1750,
-11.4590, -18.1070

167.6210,

-15.9510, -24.8070

 175.4800,
-20.1680, -30.9840

Harmonies

Analogous

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



100.1720, -14.2630, 21.7130



101.5690, 18.4720, 28.6800



99.4220, 40.7550, 26.8270

Triad

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



101.5690, 18.4720, 28.6800



95.3850, 31.8680, -15.8760



81.6240, -72.7590, -19.5030

Complementary

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



101.5690, 18.4720, 28.6800



113.4310, -18.4720, -28.6800

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.



78.0900, -62.8080, -29.1440



101.5690, 18.4720, 28.6800



92.1260, 7.4320, -24.5680

Square

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



101.5690, 18.4720, 28.6800



97.3580, 45.6660, -1.6140



85.8260, -26.9540, -29.1460



81.8980, -79.0420, -10.2580

Rectangle

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



101.5690, 18.4720, 28.6800



98.5010, 47.5420, 19.4620



85.8260, -26.9540, -29.1460



80.4840, -69.5490, -22.6130

Sweetspot

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



101.5690, 18.4720, 28.6800



164.5700, 7.5630, 11.6190



86.8190, -14.7670, 19.8330



80.6680, 4.1710, 7.0110



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



101.5690, 18.4720, 28.6800



123.0410, 29.4270, 44.9070



98.2630, 27.7810, 19.6610



64.7770, 2.2460, 3.3500



53.1050, 41.7110, 64.5830



1.9510, 1.6960, 2.3040

Inverse Universe

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



101.5690, 18.4720, 28.6800



123.0410, 29.4270, 44.9070



116.7370, -27.7810, -19.6610



64.7770, 2.2460, 3.3500



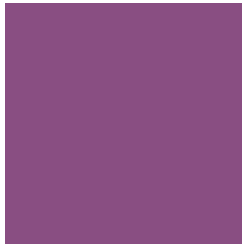
53.1050, 41.7110, 64.5830



1.9510, 1.6960, 2.3040

Previews

White Background



This preview shows how the YIQ color 101.5690, 18.4720, 28.6800 looks on a white background.

Color Contrast Check

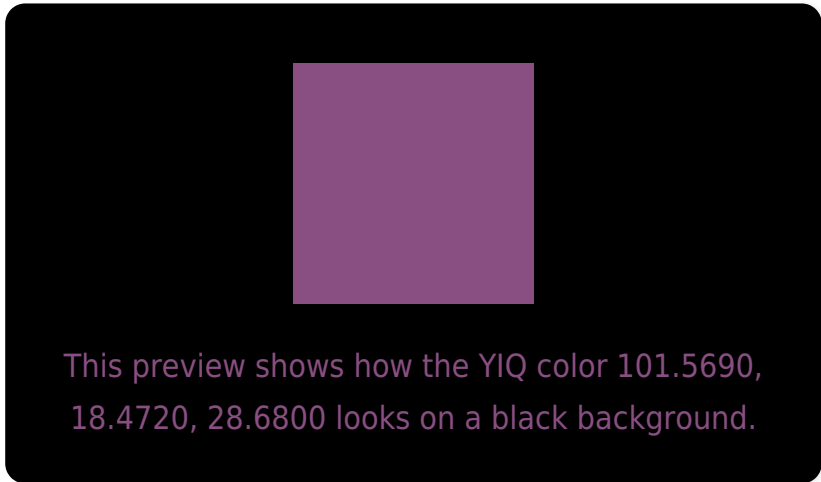
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 101.5690, 18.4720, 28.6800

Background



This preview shows how black text looks on a background with the YIQ color 101.5690, 18.4720, 28.6800.



This preview shows how white text looks on a background with the YIQ color 101.5690, 18.4720,

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

101.5690, 18.4720, 28.6800

Protanopia

98.8730, -24.0270, 11.4370

Deuteranopia

99.5230, -11.4180, 8.6940



Tritanopia

100.8510, 25.7650, 12.1410

Trichromacy



Original Color

101.5690, 18.4720, 28.6800

Protanomaly

100.1740, -8.5770, 17.7830

Deuteranomaly

100.3120, -0.2780, 16.0580

Tritanomaly

100.8710, 23.0130, 17.9650

Monochromacy



Original Color

101.5690, 18.4720, 28.6800

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

101.7440, 7.0130, 10.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.5690, 18.4720, 28.6800 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(137, 78, 130)` looks like.

```
.text, #text, p{  
    color:rgb(137, 78, 130)  
}
```

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(137, 78, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 78, 130) }
```

Border

The CSS property to change the border of an element to YIQ 101.5690, 18.4720, 28.6800 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(137, 78, 130) }
```


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

```
.border{ border-color:rgb(137, 78, 130) }
```

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

Here you see how a box with a 4 pixel rgb(137, 78, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 78, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 78, 130);  
box-shadow:4px 4px 4px 4px rgb(137, 78,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 101.5690, 18.4720, 28.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 78, 130) }
```

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

```
.background{ background-color: rgb(137, 78,  
130) }
```

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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