

Converting Colors

YIQ(130.3420, -8.9900, 19.7620)

Have a look what the booklet for
YIQ(130.3420, -8.9900, 19.7620)
contains.

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Color

**YIQ(130.3420, -8.9900,
19.7620)**

Conversions

Conversions Part 1

Format	Color
Hex	8678AE
RGB	134, 120, 174
RGB Percent	53%, 47%, 68%
CMY	0.4744, 0.5294, 0.3177
CMYK	0.23, 0.31, 0.00, 0.32
HSL	256°, 25%, 58%
HSV	256°, 31%, 68%
XYZ	24.1881, 21.5565, 42.9203
YIQ	130.3420, -8.9900, 19.7620

Conversions

Conversions Part 2

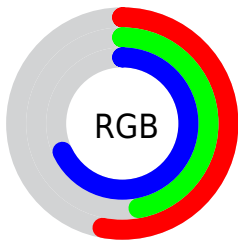
Format	Color
R_{YB}	134, 120, 174
Decimal	8812718
CIE Lab	53.55, 17.05, -26.72
CIE LCh	54, 31.703, 302.544
Yxy	21.5565, 0.2728, 0.2431
Android (android.graphics.Color)	4287002798 (0xFF8678AE)
YUV	130.3420, 21.5234, 3.2081
Hunter-Lab	46.4290, 11.7422, -22.3090

Details

The YIQ color $130.3420, -8.9900, 19.7620$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $163.6580, 8.9900, -19.7620$, and the grayscale version is $130.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $183.3960, -9.0820, 21.4300$, and $80.2880, -8.8980, 18.0940$ is the 20% darker color. If you saturate the color by 10%, you get $116.4760, -12.0630, 25.8970$, and if you desaturate by 10%, it is $144.2080, -5.9170, 13.6270$.

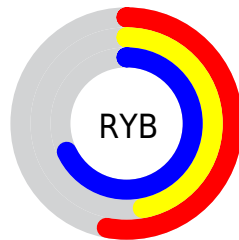
Distribution



Red (53%)

Green (47%)

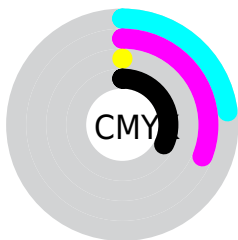
Blue (68%)



Red (53%)

Yellow (47%)

Blue (68%)

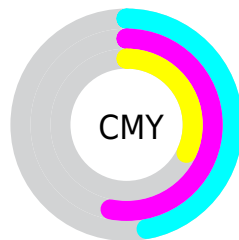


Cyan (23%)

Magenta (31%)

Yellow (0%)

Black (32%)



Cyan (47%)

Magenta (53%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.3420, -8.9900, 19.7620 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 130.3420, -8.9900, 19.7620 by changing the saturation by 10% instead.

■ 130.3420, -8.9900,
19.7620

■ 130.3420, -8.9900,
19.7620

■ 255.0000, -0.0000,
-0.0000

■ 104.8150, -8.9440,
18.9280

■ 183.3960, -9.0820,
21.4300

■ 80.2880, -8.8980,
18.0940

■ 211.0540, -8.1190,
20.4970

■ 57.3480, -9.1270,
16.7370

■ 236.1610, 1.4650,
12.0010

■ 35.1090, -9.9520,
15.1680

■ 11.6470, -8.5310,
16.9490

■ 3.7790, -9.2630,
8.1850

■ 0.0000, 0.0000,

0.0000

■ 130.3420, -8.9900,
19.7620

■ 130.3420, -8.9900,
19.7620

■ 116.4760,
-12.0630, 25.8970

■ 144.2080, -5.9170,
13.6270

■ 102.0230,
-14.8610, 32.5550

■ 158.6610, -3.1190,
6.9690

■ 88.1570, -17.9340,
38.6900

■ 172.5270, -0.0460,
0.8340

■ 74.0030, -20.1360,
45.5600

■ 186.9800, 2.7520,
-5.8240

■ 60.1370, -23.2090,
51.6950

■ 200.5470, 5.2290,
-12.1710

■ 46.2710, -26.2820,
57.8300

■ 214.4130, 8.3020,
-18.3060

■ 33.2910, -29.0340,
63.6540

■ 228.8660, 11.1000,
-24.9640

■ 240.3840, 15.2730,
-29.0070

■ 244.2710, 23.0210,
-26.2510

Harmonies

Analogous

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



124.2670, -39.9360, 7.9040



130.3420, -8.9900, 19.7620



131.7490, 17.7850, 24.6090

Triad

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



130.3420, -8.9900, 19.7620



128.0200, 40.8060, -1.6420



110.3190, -56.0230, -25.4550

Complementary

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



130.3420, -8.9900, 19.7620



163.6580, 8.9900, -19.7620

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.



118.3260, -22.3700, -24.1140



130.3420, -8.9900, 19.7620



125.6280, 26.8700, -13.4020

Square

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



130.3420, -8.9900, 19.7620



128.9040, 44.6090, 12.0410



122.8640, 5.4140, -21.0340



101.1380, -89.1260, -25.7500

Rectangle

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



130.3420, -8.9900, 19.7620



130.9370, 31.8150, 23.6470



122.8640, 5.4140, -21.0340



113.7780, -44.1940, -25.0740

Sweetspot

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



130.3420, -8.9900, 19.7620



210.7750, -3.4400, 7.2800



149.6360, -28.3340, -4.1260



104.3790, -2.3850, 4.6790



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



130.3420, -8.9900, 19.7620



159.1540, -13.8520, 30.7880



138.1160, 6.5060, 25.2740



79.6240, -1.6970, 3.2230



28.7610, -24.9060, 54.9180



4.4160, -3.8070, 8.4250

Inverse Universe

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



140.7060, 19.3440, 23.8880



175.1840, 30.1620, 37.0900



155.5850, -7.1020, -25.4860



81.3750, 3.4380, 3.7740



57.5040, 53.7690, 66.3210



8.8150, 8.2510, 10.1630

Previews

White Background



This preview shows how the YIQ color 130.3420, -8.9900, 19.7620 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 130.3420, -8.9900, 19.7620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

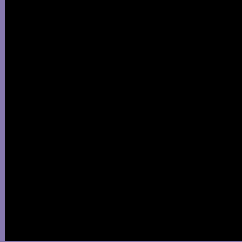
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.3420, -8.9900, 19.7620

Background



This preview shows how black text looks on a background with the YIQ color 130.3420, -8.9900, 19.7620.



This preview shows how white text looks on a background with the YIQ color 130.3420, -8.9900,

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

130.3420, -8.9900, 19.7620

Protanopia

127.8560, -25.3570, 13.5150

Deuteranopia

128.0690, -21.6430, 12.2850



Tritanopia

128.1400, -3.2100, 3.1100

Trichromacy



Original Color

130.3420, -8.9900, 19.7620

Protanomaly

128.8460, -19.3970, 15.6350

Deuteranomaly

128.9880, -16.9210, 14.8150

Tritanomaly

128.7580, -4.7700, 9.3580

Monochromacy



Original Color

130.3420, -8.9900, 19.7620

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.7750, -3.4400, 7.2800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.3420, -8.9900, 19.7620 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(134, 120, 174)` looks like.

```
.text, #text, p{  
    color:rgb(134, 120, 174)  
}
```

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(134, 120, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 120, 174) }
```

Border

The CSS property to change the border of an element to YIQ 130.3420, -8.9900, 19.7620 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(134, 120, 174) }
```


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

```
.border{ border-color:rgb(134, 120, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 120, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 120, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 120, 174);  
box-shadow:4px 4px 4px 4px rgb(134, 120,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 130.3420, -8.9900, 19.7620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 120, 174) }
```

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

```
.background{ background-color: rgb(134,  
120, 174) }
```

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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