

Converting Colors

YIQ(168.9980, -6.8270,
-24.9630)

Have a look what the booklet for
YIQ(168.9980, -6.8270, -24.9630)
contains.

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Color

**YIQ(168.9980, -6.8270,
-24.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	93BB86
RGB	147, 187, 134
RGB Percent	58%, 73%, 53%
CMY	0.4237, 0.2666, 0.4745
CMYK	0.21, 0.00, 0.28, 0.27
HSL	105°, 28%, 63%
HSV	105°, 28%, 73%
XYZ	34.1039, 43.4691, 29.1485
YIQ	168.9980, -6.8270, -24.9630

Conversions

Conversions Part 2

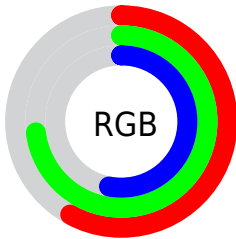
Format	Color
RYB	134, 187, 174
Decimal	9681798
CIELab	71.87, -23.46, 22.61
CIELCh	72, 32.580, 136.066
Yxy	43.4691, 0.3196, 0.4073
Android (android.graphics.Color)	4287871878 (0xFF93BB86)
YUV	168.9980, -17.2540, -19.2922
Hunter-Lab	65.9311, -23.0473, 19.9394

Details

The YIQ color **168.9980, -6.8270, -24.9630** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **152.0020, 6.8270, 24.9630**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.3570, -6.4600, -26.1080**, and **116.6390, -7.1940, -23.8180** is the 20% darker color. If you saturate the color by 10%, you get **162.6460, -9.0720, -33.8400**, and if you desaturate by 10%, it is **175.3500, -4.5820, -16.0860**.

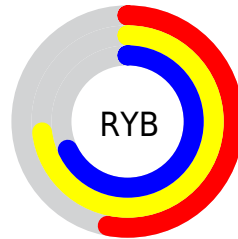
Distribution



Red (58%)

Green (73%)

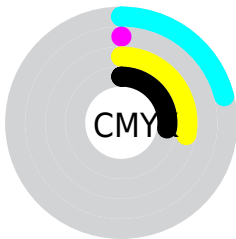
Blue (53%)



Red (53%)

Yellow (73%)

Blue (68%)

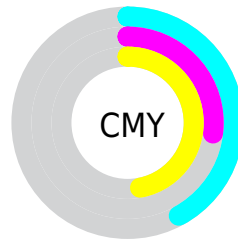


Cyan (21%)

Magenta (0%)

Yellow (28%)

Black (27%)



Cyan (42%)


Magenta (27%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.9980, -6.8270, -24.9630 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 168.9980, -6.8270, -24.9630 by changing the saturation by 10% instead.

 168.9980, -6.8270,
-24.9630

 168.9980, -6.8270,
-24.9630


255.0000, -0.0000,
-0.0000


 142.4110, -6.5520,
-24.4400


 224.3570, -6.4600,
-26.1080


 116.6390, -7.1940,
-23.8180


 242.9650, -2.0600,
-17.7400

 91.4650, -6.6440,
-22.7720

 253.7460, 3.5310,
-3.4210

 67.6930, -7.2860,
-22.1500

 43.9210, -7.9280,
-21.5280

 22.9040, -9.2580,
-19.4500

 7.6310, -3.5750,

-6.7990

■ 0.0000, 0.0000,
0.0000

■ 168.9980, -6.8270,
-24.9630

■ 168.9980, -6.8270,
-24.9630

■ 162.6460, -9.0720,
-33.8400

■ 175.3500, -4.5820,
-16.0860

■ 156.4080,
-11.6380, -42.4060

■ 181.5880, -2.0160,
-7.5200

■ 150.0560,
-13.8830, -51.2830

■ 187.9400, 0.2290,
1.3570

■ 143.4050,
-16.7240, -60.3720

■ 194.2920, 2.4740,
10.2340

■ 137.0530,
-18.9690, -69.2490

■ 200.9430, 5.3150,
19.3230

■ 130.8150,
-21.5350, -77.8150

■ 207.1810, 7.8810,
27.8890

■ 124.4630,
-23.7800, -86.6920

■ 212.3930, 13.3360,
33.6560

■ 123.5230,
-24.0090, -88.0490

■ 215.0840, 18.7000,
35.5640

Harmonies

Analogous

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



172.6440, 20.7730, -18.5470



168.9980, -6.8270, -24.9630



163.9590, -37.4540, -26.0780

Triad

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



168.9980, -6.8270, -24.9630



168.3680, -56.5780, 1.1340



179.0170, 46.0290, 19.3490

Complementary

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



168.9980, -6.8270, -24.9630



152.0020, 6.8270, 24.9630

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.



180.3330, 30.7600, 26.2480



168.9980, -6.8270, -24.9630



176.2520, -26.4120, 16.1160

Square

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



168.9980, -6.8270, -24.9630



160.6010, -73.9520, -14.4000



180.3330, 4.3970, 24.9490



177.7810, 49.1490, 6.8530

Rectangle

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



168.9980, -6.8270, -24.9630



160.8350, -57.5360, -25.5680



180.3330, 4.3970, 24.9490



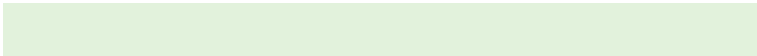
179.8580, 42.2230, 22.2470

Sweetspot

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



168.9980, -6.8270, -24.9630



234.7080, -2.4740, -10.2340



173.3270, 20.5880, -9.6840



117.5280, -1.7870, -6.1630



250.0000, 0.0000, 0.0000



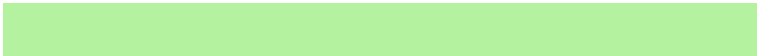
122.0000, 0.0000, -0.0000

Same Dimension

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



168.9980, -6.8270, -24.9630



214.1140, -10.6300, -38.6460



166.5930, -18.7480, -23.6760



90.8810, -1.2830, -4.2830



104.4070, -20.2060, -74.3660



20.2900, -4.3530, -14.7290

Inverse Universe

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



152.0020, 6.8270, 24.9630



187.8860, 10.6300, 38.6460



154.4070, 18.7480, 23.6760



88.1190, 1.2830, 4.2830



53.5930, 20.2060, 74.3660



10.4110, 3.7570, 14.5170

Previews

White Background



This preview shows how the YIQ color 168.9980, -6.8270, -24.9630 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 168.9980, -6.8270, -24.9630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

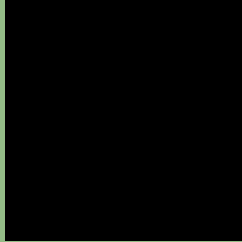
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.9980, -6.8270, -24.9630

Background



This preview shows how black text looks on a background with the YIQ color 168.9980, -6.8270, -24.9630.



This preview shows how white text looks on a background with the YIQ color 168.9980, -6.8270,

-24.9630.

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

168.9980, -6.8270, -24.9630

Protanopia

173.9420, 23.1100, -11.3380

Deuteranopia

176.2300, 31.4070, -2.0090



Tritanopia

174.1320, -17.9270, 0.0010

Trichromacy



Original Color

168.9980, -6.8270, -24.9630

Protanomaly

172.0330, 12.4280, -15.9880

Deuteranomaly

173.9460, 17.2870, -10.4330

Tritanomaly

172.1890, -14.0740, -9.2580

Monochromacy



Original Color

168.9980, -6.8270, -24.9630

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

169.2350, -2.5200, -9.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.9980, -6.8270, -24.9630 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(147, 187, 134)` looks like.

```
.text, #text, p{  
    color:rgb(147, 187, 134)  
}
```

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(147, 187, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 187, 134) }
```

Border

The CSS property to change the border of an element to YIQ 168.9980, -6.8270, -24.9630 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(147, 187, 134) }
```


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

```
.border{ border-color:rgb(147, 187, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 187, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 187, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 187, 134);  
box-shadow:4px 4px 4px 4px rgb(147, 187,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 168.9980, -6.8270, -24.9630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 187, 134) }
```

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

```
.background{ background-color: rgb(147,  
187, 134) }
```

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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