

Converting Colors

YIQ(169.9020, -24.1120,
-25.5840)

Have a look what the booklet for
YIQ(169.9020, -24.1120, -25.5840)
contains.

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Color

**YIQ(169.9020, -24.1120,
-25.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	83C199
RGB	131, 193, 153
RGB Percent	51%, 76%, 60%
CMY	0.4864, 0.2430, 0.4001
CMYK	0.32, 0.00, 0.21, 0.24
HSL	141°, 33%, 64%
HSV	141°, 32%, 76%
XYZ	34.1774, 45.2726, 37.0670
YIQ	169.9020, -24.1120, -25.5840

Conversions

Conversions Part 2

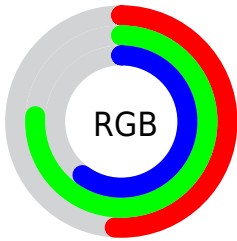
Format	Color
RYB	131, 177, 193
Decimal	8634777
CIELab	73.07, -28.37, 13.92
CIELCh	73, 31.606, 153.866
Yxy	45.2726, 0.2933, 0.3885
Android (android.graphics.Color)	4286824857 (0xFF83C199)
YUV	169.9020, -8.3327, -34.1171
Hunter-Lab	67.2849, -27.0794, 14.4368

Details

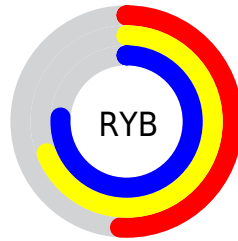
The YIQ color **169.9020, -24.1120, -25.5840** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **154.0980, 24.1120, 25.5840**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9620, -24.3410, -26.9410**, and **116.8420, -23.8830, -24.2270** is the 20% darker color. If you saturate the color by 10%, you get **162.8530, -31.5840, -33.3440**, and if you desaturate by 10%, it is **176.9510, -16.6400, -17.8240**.

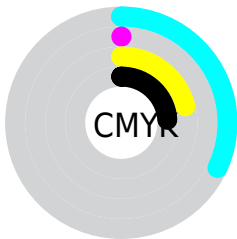
Distribution



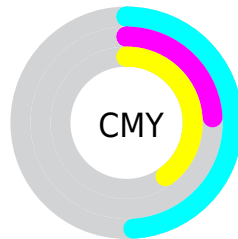
- Red (51%)
- Green (76%)
- Blue (60%)



- Red (51%)
- Yellow (69%)
- Blue (76%)



- Cyan (32%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)



- Cyan (49%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.9020, -24.1120, -25.5840 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 169.9020, -24.1120, -25.5840 by changing the saturation by 10% instead.

■ 169.9020,
-24.1120, -25.5840

■ 169.9020,
-24.1120, -25.5840

■ 255.0000, -0.0000,
-0.0000

■ 143.3150,
-23.8370, -25.0610

■ 225.9620,
-24.3410, -26.9410

■ 116.8420,
-23.8830, -24.2270

■ 240.5750,
-18.3370, -14.6010

■ 91.0700, -24.5250,
-23.6050

■ 251.4120, -7.1520,
-2.5440

■ 66.5860, -26.0380,
-23.7180

■ 41.9170, -28.4680,
-23.7320

■ 26.0220, -15.4020,
-18.2340

■ 11.1530, -5.2250,

-9.9370

■ 0.0000, 0.0000,
0.0000

■ 169.9020,
-24.1120, -25.5840

■ 169.9020,
-24.1120, -25.5840

■ 162.8530,
-31.5840, -33.3440

■ 176.9510,
-16.6400, -17.8240

■ 155.3910,
-39.3310, -41.6270

■ 184.4130, -8.8930,
-9.5410

■ 148.3420,
-46.8030, -49.3870

■ 191.4620, -1.4210,
-1.7810

■ 141.1790,
-53.9540, -57.4580

■ 198.6250, 5.7300,
6.2900

■ 133.8310,
-62.0220, -65.4300

■ 205.6740, 13.2020,
14.0500

■ 126.6680,
-69.1730, -73.5010

■ 213.1360, 20.9490,
22.3330

■ 121.1570,
-75.2240, -79.4800

■ 216.8960, 21.8650,
27.7610

■ 218.3780, 17.6920,
31.8040

■ 218.6060, 17.0500,
32.4260

Harmonies

Analogous

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



174.0380, 4.8640, -22.0800



169.9020, -24.1120, -25.5840



165.1130, -52.4470, -24.1830

Triad

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



169.9020, -24.1120, -25.5840



177.2180, -38.2400, 10.2080



181.7580, 47.9560, 11.9560

Complementary

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



169.9020, -24.1120, -25.5840



154.0980, 24.1120, 25.5840

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.



183.4880, 40.3890, 22.4450



169.9020, -24.1120, -25.5840



182.4670, -7.8440, 21.0200

Square

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



169.9020, -24.1120, -25.5840



168.9710, -62.9500, -4.5340



184.2440, 20.7650, 25.6690



179.8740, 44.1530, -1.7270

Rectangle

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



169.9020, -24.1120, -25.5840



163.5060, -66.6150, -20.7190



184.2440, 20.7650, 25.6690



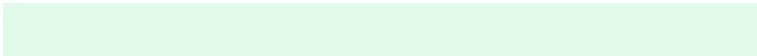
182.0940, 47.1300, 15.9140

Sweetspot

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



169.9020, -24.1120, -25.5840



240.7010, -9.7640, -10.2760



179.3540, 6.7900, -23.9460



119.3750, -5.7300, -6.2900



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



169.9020, -24.1120, -25.5840



213.5160, -38.1850, -40.3690



173.4360, -34.0630, -15.9430



93.3260, -4.0340, -3.9860



101.0050, -62.5720, -66.4760



20.7390, -12.9270, -13.5270

Inverse Universe

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



154.0980, 24.1120, 25.5840



188.4840, 38.1850, 40.3690



150.5640, 34.0630, 15.9430



90.6740, 4.0340, 3.9860



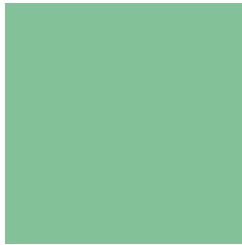
59.9950, 62.5720, 66.4760



12.2610, 12.9270, 13.5270

Previews

White Background



This preview shows how the YIQ color 169.9020, -24.1120, -25.5840 looks on a white background.

Color Contrast Check

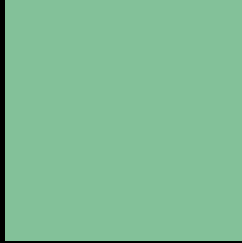
Large Text (above 18pt) WCAG AA × Fail

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 169.9020, -24.1120, -25.5840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

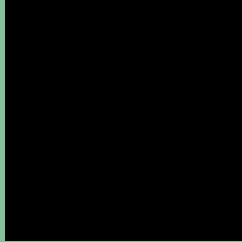
Any Text WCAG AA ✓ Pass

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 169.9020, -24.1120, -25.5840 Background



This preview shows how black text looks on a background with the YIQ color 169.9020, -24.1120, -25.5840.



This preview shows how white text looks on a background with the YIQ color 169.9020, -24.1120, -25.5840.

-25.5840.

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

169.9020, -24.1120, -25.5840

Protanopia

177.6410, 16.8280, -7.6200

Deuteranopia

179.8580, 23.8870, 2.1190



Tritanopia

174.2550, -31.6350, -4.8750

Trichromacy



Original Color

169.9020, -24.1120, -25.5840

Protanomaly

174.6390, 1.9740, -13.7540

Deuteranomaly

176.3670, 5.9160, -8.1000

Tritanomaly

172.8820, -29.3870, -12.5790

Monochromacy



Original Color

169.9020, -24.1120, -25.5840

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

169.8260, -8.6180, -9.0180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.9020, -24.1120, -25.5840 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(131, 193, 153)` looks like.

```
.text, #text, p{  
    color:rgb(131, 193, 153)  
}
```

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(131, 193, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 193, 153) }
```

Border

The CSS property to change the border of an element to YIQ 169.9020, -24.1120, -25.5840 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(131, 193, 153) }
```


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

```
.border{ border-color:rgb(131, 193, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 193, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 193, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 193, 153);  
box-shadow:4px 4px 4px 4px rgb(131, 193,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 169.9020, -24.1120, -25.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 193, 153) }
```

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

```
.background{ background-color: rgb(131,  
193, 153) }
```

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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