

Converting Colors

YIQ(159.8850, -25.4420,
-23.5060)

Have a look what the booklet for
YIQ(159.8850, -25.4420, -23.5060)
contains.

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Color

**YIQ(159.8850, -25.4420,
-23.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	79B694
RGB	121, 182, 148
RGB Percent	47%, 71%, 58%
CMY	0.5257, 0.2862, 0.4197
CMYK	0.34, 0.00, 0.19, 0.29
HSL	147°, 29%, 59%
HSV	147°, 34%, 71%
XYZ	29.9562, 39.6658, 34.0865
YIQ	159.8850, -25.4420, -23.5060

Conversions

Conversions Part 2

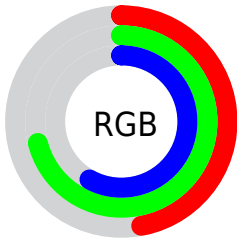
Format	Color
RYB	121, 163, 182
Decimal	7976596
CIELab	69.23, -27.11, 11.15
CIElCh	69, 29.310, 157.644
Yxy	39.6658, 0.2889, 0.3825
Android (android.graphics.Color)	4286166676 (0xFF79B694)
YUV	159.8850, -5.8593, -34.1021
Hunter-Lab	62.9808, -25.3145, 11.9976

Details

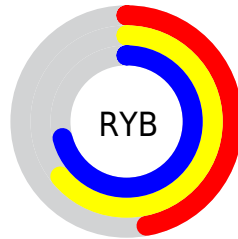
The YIQ color **159.8850, -25.4420, -23.5060** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **143.1150, 25.4420, 23.5060**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **215.0590, -25.9920, -24.5520**, and **107.4120, -25.4880, -22.6720** is the 20% darker color. If you saturate the color by 10%, you get **153.3630, -32.9600, -30.4320**, and if you desaturate by 10%, it is **166.4070, -17.9240, -16.5800**.

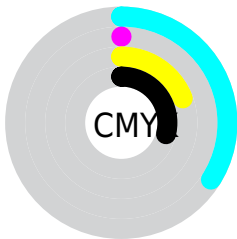
Distribution



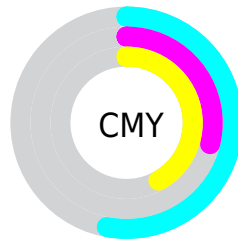
- Red (47%)
- Green (71%)
- Blue (58%)



- Red (47%)
- Yellow (64%)
- Blue (71%)



- Cyan (34%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)



- Cyan (53%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.8850, -25.4420, -23.5060 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 159.8850, -25.4420, -23.5060 by changing the saturation by 10% instead.

■ 159.8850,
-25.4420, -23.5060

■ 159.8850,
-25.4420, -23.5060

■ 255.0000, -0.0000,
-0.0000

■ 133.2980,
-25.1670, -22.9830

■ 215.0590,
-25.9920, -24.5520

■ 107.4120,
-25.4880, -22.6720

■ 236.6020,
-22.9670, -18.7990

■ 81.9390, -25.5340,
-21.8380

■ 248.1230,
-13.7080, -4.8760

■ 56.9710, -28.5600,
-22.0640

■ 36.2920, -25.0300,
-19.9580

■ 21.1150, -11.2300,
-16.7500

■ 0.0000, 0.0000,

0.0000

■ 159.8850,
-25.4420, -23.5060

■ 159.8850,
-25.4420, -23.5060

■ 153.3630,
-32.9600, -30.4320

■ 166.4070,
-17.9240, -16.5800

■ 146.8410,
-40.4780, -37.3580

■ 172.9290,
-10.4060, -9.6540

■ 140.0200,
-48.5920, -44.4960

■ 179.7500, -2.2920,
-2.5160

■ 133.3840,
-55.7890, -51.7330

■ 186.3860, 4.9050,
4.7210

■ 126.8620,
-63.3070, -58.6590

■ 192.9080, 12.4230,
11.6470

■ 120.3400,
-70.8250, -65.5850

■ 199.4300, 19.9410,
18.5730

■ 116.0680,
-76.0510, -69.9950

■ 205.9520, 27.4590,
25.4990

■ 209.1850, 28.4210,
30.0930

■ 210.3250, 25.2110,
33.2030

Harmonies

Analogous

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



163.7110, 1.4710, -21.1610



159.8850, -25.4420, -23.5060



156.0640, -50.7510, -21.8790

Triad

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



159.8850, -25.4420, -23.5060



167.7520, -30.9960, 11.0840



171.3230, 44.7470, 9.5390

Complementary

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



159.8850, -25.4420, -23.5060



143.1150, 25.4420, 23.5060

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.



172.1240, 38.4180, 19.6180



159.8850, -25.4420, -23.5060



172.3920, -3.2590, 20.5250

Square

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



159.8850, -25.4420, -23.5060



160.6300, -54.5600, -2.4000



173.3750, 21.7740, 23.9020



169.5960, 39.0640, -3.1120

Rectangle

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



159.8850, -25.4420, -23.5060



154.8380, -61.6180, -17.6660



173.3750, 21.7740, 23.9020



171.6590, 43.9210, 13.4970

Sweetspot

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



159.8850, -25.4420, -23.5060



228.3420, -10.1310, -9.1310



167.2720, 4.0850, -24.4830



114.6030, -6.3720, -5.6680



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



159.8850, -25.4420, -23.5060



202.5530, -39.6070, -36.6230



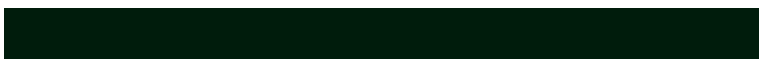
163.3050, -35.0720, -14.1760



88.7390, -3.7590, -3.4630



99.4380, -65.0490, -60.1290



17.8040, -11.5520, -10.9120

Inverse Universe

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



143.1150, 25.4420, 23.5060



176.4470, 39.6070, 36.6230



139.6950, 35.0720, 14.1760



86.2610, 3.7590, 3.4630



56.5620, 65.0490, 60.1290



10.1960, 11.5520, 10.9120

Previews

White Background



This preview shows how the YIQ color 159.8850, -25.4420, -23.5060 looks on a white background.

Color Contrast Check

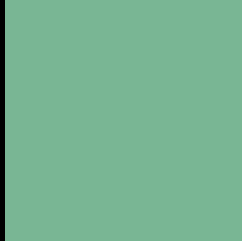
Large Text (above 18pt) WCAG AA × Fail

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 159.8850, -25.4420, -23.5060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

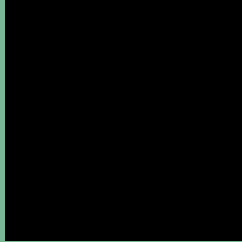
Any Text WCAG AA ✓ Pass

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 159.8850, -25.4420, -23.5060 Background



This preview shows how black text looks on a background with the YIQ color 159.8850, -25.4420, -23.5060.



This preview shows how white text looks on a background with the YIQ color 159.8850, -25.4420, -23.5060.

-23.5060.

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

159.8850, -25.4420, -23.5060

Protanopia

167.6130, 14.0310, -6.4890

Deuteranopia

169.2320, 19.8980, 2.8260



Tritanopia

163.8420, -31.9100, -5.3980

Trichromacy



Original Color

159.8850, -25.4420, -23.5060

Protanomaly

164.9100, -0.2270, -12.4110

Deuteranomaly

165.7520, 3.3940, -6.4460

Tritanomaly

162.4090, -29.4330, -11.7450

Monochromacy



Original Color

159.8850, -25.4420, -23.5060

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.0540, -9.2600, -8.3960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.8850, -25.4420, -23.5060 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(121, 182, 148)` looks like.

```
.text, #text, p{  
    color:rgb(121, 182, 148)  
}
```

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(121, 182, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 182, 148) }
```

Border

The CSS property to change the border of an element to YIQ 159.8850, -25.4420, -23.5060 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(121, 182, 148) }
```


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

```
.border{ border-color:rgb(121, 182, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 182, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 182, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 182, 148);  
box-shadow:4px 4px 4px 4px rgb(121, 182,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 159.8850, -25.4420, -23.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 182, 148) }
```

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

```
.background{ background-color: rgb(121,  
182, 148) }
```

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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