

Converting Colors

YIQ(167.8240, -23.4720,
-15.1520)

Have a look what the booklet for
YIQ(167.8240, -23.4720, -15.1520)
contains.

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Color

**YIQ(167.8240, -23.4720,
-15.1520)**

Conversions

Conversions Part 1

Format	Color
Hex	88B8A8
RGB	136, 184, 168
RGB Percent	53%, 72%, 66%
CMY	0.4668, 0.2783, 0.3413
CMYK	0.26, 0.00, 0.09, 0.28
HSL	160°, 25%, 63%
HSV	160°, 26%, 72%
XYZ	34.3588, 42.3473, 43.3987
YIQ	167.8240, -23.4720, -15.1520

Conversions

Conversions Part 2

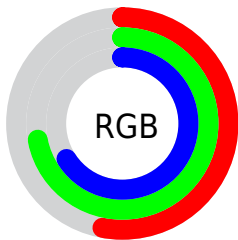
Format	Color
RYB	136, 165, 184
Decimal	8960168
CIELab	71.11, -19.29, 3.00
CIElCh	71, 19.525, 171.154
Yxy	42.3473, 0.2861, 0.3526
Android (android.graphics.Color)	4287150248 (0xFF88B8A8)
YUV	167.8240, 0.0868, -27.9096
Hunter-Lab	65.0748, -19.6348, 6.0116

Details

The YIQ color **167.8240, -23.4720, -15.1520** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **152.1760, 23.4720, 15.1520**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.1120, -24.3430, -15.8870**, and **115.5360, -22.6010, -14.4170** is the 20% darker color. If you saturate the color by 10%, you get **161.7580, -32.2740, -20.8340**, and if you desaturate by 10%, it is **173.8900, -14.6700, -9.4700**.

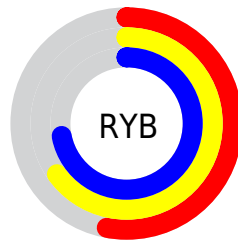
Distribution



Red (53%)

Green (72%)

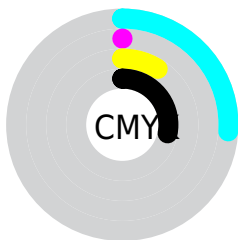
Blue (66%)



Red (53%)

Yellow (65%)

Blue (72%)

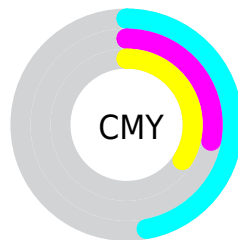


Cyan (26%)

Magenta (0%)

Yellow (9%)

Black (28%)



Cyan (47%)

Magenta (28%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.8240, -23.4720, -15.1520 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 167.8240, -23.4720, -15.1520 by changing the saturation by 10% instead.

■ 167.8240,
-23.4720, -15.1520

■ 167.8240,
-23.4720, -15.1520

■ 255.0000, -0.0000,
-0.0000

■ 141.2370,
-23.1970, -14.6290

■ 223.1120,
-24.3430, -15.8870

■ 115.5360,
-22.6010, -14.4170

■ 243.5950,
-21.0890, -8.7770

■ 90.5360, -22.6010,
-14.4170

■ 252.6080, -4.7680,
-1.6960

■ 66.0630, -22.6470,
-13.5830

■ 41.9810, -25.3520,
-14.1200

■ 23.9820, -17.9250,
-11.0530

■ 4.6960, -2.2000,

-4.1840

■ 0.0000, 0.0000,
0.0000

■ 167.8240,
-23.4720, -15.1520

■ 167.8240,
-23.4720, -15.1520

■ 161.7580,
-32.2740, -20.8340

■ 173.8900,
-14.6700, -9.4700

■ 155.3930,
-41.6720, -26.7280

■ 180.2550, -5.2720,
-3.5760

■ 149.3270,
-50.4740, -32.4100

■ 186.3210, 3.5300,
2.1060

■ 142.8480,
-59.5510, -38.6150

■ 192.8000, 12.6070,
8.3110

■ 136.7820,
-68.3530, -44.2970

■ 198.8660, 21.4090,
13.9930

■ 130.7160,
-77.1550, -49.9790

■ 204.9320, 30.2110,
19.6750

■ 124.3510,
-86.5530, -55.8730

■ 208.3070, 33.6490,
23.4490

■ 122.0300,
-90.0830, -57.9790

■ 208.9910, 31.7230,
25.3150

■ 209.6750, 29.7970,
27.1810

Harmonies

Analogous

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



169.5070, -6.4620, -15.0540



167.8240, -23.4720, -15.1520



166.8860, -35.2100, -11.6740

Triad

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



167.8240, -23.4720, -15.1520



174.8050, -12.1520, 10.9840



175.7940, 29.9390, 2.5710

Complementary

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



167.8240, -23.4720, -15.1520



152.1760, 23.4720, 15.1520

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.



176.6510, 29.2040, 10.3880



167.8240, -23.4720, -15.1520



177.3080, 5.5450, 15.1530

Square

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



167.8240, -23.4720, -15.1520



171.6780, -28.1520, 3.5920



177.5070, 21.0420, 15.1380



173.9300, 23.3840, -5.2880

Rectangle

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



167.8240, -23.4720, -15.1520



167.8520, -37.8700, -7.5180



177.5070, 21.0420, 15.1380



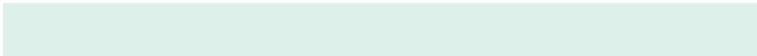
175.9730, 30.9930, 5.4970

Sweetspot

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



167.8240, -23.4720, -15.1520



233.5210, -9.0770, -6.2050



169.2590, -3.0680, -21.5000



115.9560, -5.8680, -3.7880



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.



167.8240, -23.4720, -15.1520



214.7250, -36.6750, -23.6750



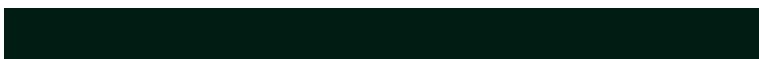
165.5390, -26.6830, -6.5150



88.9670, -4.4010, -2.8410



103.4280, -76.2840, -49.2440



18.6020, -13.7990, -8.7350

Inverse Universe

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



152.1760, 23.4720, 15.1520



190.2750, 36.6750, 23.6750



154.4610, 26.6830, 6.5150



86.0330, 4.4010, 2.8410



52.5720, 76.2840, 49.2440



9.3980, 13.7990, 8.7350

Previews

White Background



This preview shows how the YIQ color 167.8240, -23.4720, -15.1520 looks on a white background.

Color Contrast Check

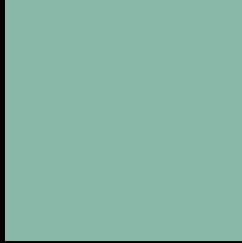
Large Text (above 18pt) WCAG AA × Fail

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 167.8240, -23.4720, -15.1520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

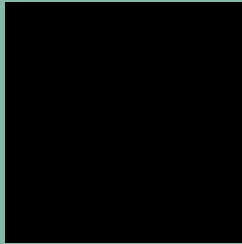
Any Text WCAG AA ✓ Pass

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 167.8240, -23.4720, -15.1520 Background



This preview shows how black text looks on a background with the YIQ color 167.8240, -23.4720, -15.1520.



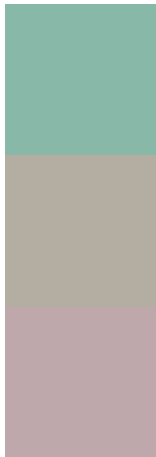
This preview shows how white text looks on a background with the YIQ color 167.8240, -23.4720, -15.1520.

-15.1520.

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

167.8240, -23.4720, -15.1520

Protanopia

173.5400, 7.1070, -2.1490

Deuteranopia

175.2190, 12.7450, 5.8090



Tritanopia

170.0490, -28.0590, -3.6030

Trichromacy



Original Color

167.8240, -23.4720, -15.1520

Protanomaly

171.3320, -4.1710, -7.0110

Deuteranomaly

172.6470, -0.5040, -1.8800

Tritanomaly

168.8980, -26.3160, -7.6600

Monochromacy



Original Color

167.8240, -23.4720, -15.1520

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.9340, -8.8020, -5.6820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.8240, -23.4720, -15.1520 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(136, 184, 168)` looks like.

```
.text, #text, p{  
    color:rgb(136, 184, 168)  
}
```

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(136, 184, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 184, 168) }
```

Border

The CSS property to change the border of an element to YIQ 167.8240, -23.4720, -15.1520 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(136, 184, 168) }
```


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

```
.border{ border-color:rgb(136, 184, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 184, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 184, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 184, 168);  
box-shadow:4px 4px 4px 4px rgb(136, 184,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 167.8240, -23.4720, -15.1520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 184, 168) }
```

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

```
.background{ background-color: rgb(136,  
184, 168) }
```

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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