

Converting Colors

YIQ(167.1780, -24.7090,
-20.2690)

Have a look what the booklet for
YIQ(167.1780, -24.7090, -20.2690)
contains.

YIQ(167.1780, -24.7090, -20.2690)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(167.1780, -24.7090,
-20.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	83BBA0
RGB	131, 187, 160
RGB Percent	51%, 73%, 63%
CMY	0.4864, 0.2666, 0.3726
CMYK	0.30, 0.00, 0.14, 0.27
HSL	151°, 29%, 62%
HSV	151°, 30%, 73%
XYZ	33.4729, 42.9102, 39.7670
YIQ	167.1780, -24.7090, -20.2690

Conversions

Conversions Part 2

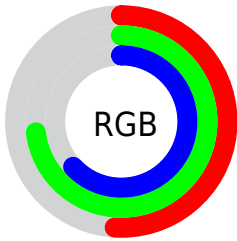
Format	Color
RYB	131, 168, 187
Decimal	8633248
CIELab	71.49, -24.04, 7.89
CIElCh	71, 25.299, 161.826
Yxy	42.9102, 0.2882, 0.3694
Android (android.graphics.Color)	4286823328 (0xFF83BBA0)
YUV	167.1780, -3.5388, -31.7281
Hunter-Lab	65.5059, -23.4235, 9.8607

Details

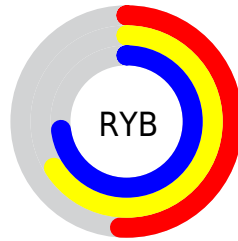
The YIQ color **167.1780, -24.7090, -20.2690** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **150.8220, 24.7090, 20.2690**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.4660, -25.5800, -21.0040**, and **114.7050, -24.7550, -19.4350** is the 20% darker color. If you saturate the color by 10%, you get **160.4710, -33.1440, -27.0960**, and if you desaturate by 10%, it is **173.8850, -16.2740, -13.4420**.

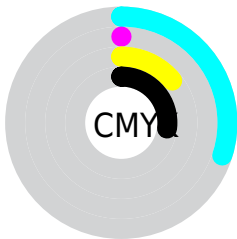
Distribution



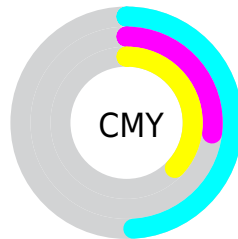
- Red (51%)
- Green (73%)
- Blue (63%)



- Red (51%)
- Yellow (66%)
- Blue (73%)



- Cyan (30%)
- Magenta (0%)
- Yellow (14%)
- Black (27%)



- Cyan (49%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.1780, -24.7090, -20.2690 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 167.1780, -24.7090, -20.2690 by changing the saturation by 10% instead.

■ 167.1780,
-24.7090, -20.2690

■ 167.1780,
-24.7090, -20.2690

■ 255.0000, -0.0000,
-0.0000

■ 140.5910,
-24.4340, -19.7460

■ 222.4660,
-25.5800, -21.0040

■ 114.7050,
-24.7550, -19.4350

■ 241.0740,
-21.1800, -12.6360

■ 89.1180, -24.4800,
-18.9120

■ 251.1130, -7.7480,
-2.7560

■ 64.9330, -25.3970,
-18.8130

■ 39.6660, -29.0190,
-19.2510

■ 24.4720, -16.5490,
-13.9650

■ 5.8700, -2.7500,

-5.2300

■ 0.0000, 0.0000,
0.0000

■ 167.1780,
-24.7090, -20.2690

■ 167.1780,
-24.7090, -20.2690

■ 160.4710,
-33.1440, -27.0960

■ 173.8850,
-16.2740, -13.4420

■ 154.0630,
-40.9830, -33.7110

■ 180.2930, -8.4350,
-6.8270

■ 147.3560,
-49.4180, -40.5380

■ 187.0000, -0.0000,
-0.0000

■ 140.6490,
-57.8530, -47.3650

■ 193.7070, 8.4350,
6.8270

■ 133.9420,
-66.2880, -54.1920

■ 200.1150, 16.2740,
13.4420

■ 127.5340,
-74.1270, -60.8070

■ 206.8220, 24.7090,
20.2690

■ 120.8270,
-82.5620, -67.6340

■ 211.4360, 28.9720,
25.6120

■ 212.4620, 26.0830,
28.4110

■ 213.4880, 23.1940,
31.2100

Harmonies

Analogous

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



170.3240, -1.6930, -18.8850



167.1780, -24.7090, -20.2690



164.8200, -44.0120, -17.3560

Triad

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



167.1780, -24.7090, -20.2690



175.0580, -23.1100, 11.3380



177.1050, 39.4290, 6.7970

Complementary

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



167.1780, -24.7090, -20.2690



150.8220, 24.7090, 20.2690

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.



178.1620, 35.2550, 16.3670



167.1780, -24.7090, -20.2690



178.1920, 0.1800, 18.7720

Square

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



167.1780, -24.7090, -20.2690



169.6700, -42.8690, 0.4830



178.9680, 21.3620, 20.3540



175.5460, 33.3330, -3.8750

Rectangle

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



167.1780, -24.7090, -20.2690



164.4480, -51.5320, -13.2280



178.9680, 21.3620, 20.3540



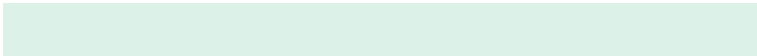
177.3270, 38.9240, 10.4440

Sweetspot

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



167.1780, -24.7090, -20.2690



234.2820, -9.9020, -7.7740



171.9450, 0.6920, -23.5640



117.4290, -5.8220, -4.6220



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.



167.1780, -24.7090, -20.2690



211.1990, -38.3700, -31.5060



169.6690, -33.1010, -11.3490



90.8530, -4.0800, -3.1520



102.0940, -69.7720, -57.1320



20.0210, -13.6610, -11.2370

Inverse Universe

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



150.8220, 24.7090, 20.2690



185.8010, 38.3700, 31.5060



148.3310, 33.1010, 11.3490



88.1470, 4.0800, 3.1520



55.9060, 69.7720, 57.1320



10.9790, 13.6610, 11.2370

Previews

White Background



This preview shows how the YIQ color 167.1780, -24.7090, -20.2690 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 167.1780, -24.7090, -20.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

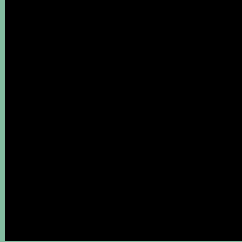
Any Text WCAG AA ✓ Pass

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 167.1780, -24.7090, -20.2690 Background



This preview shows how black text looks on a background with the YIQ color 167.1780, -24.7090, -20.2690.



This preview shows how white text looks on a background with the YIQ color 167.1780, -24.7090, -20.2690.

-20.2690.

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

167.1780, -24.7090, -20.2690

Protanopia

173.9980, 11.5090, -4.8350

Deuteranopia

175.6170, 17.3760, 4.4800



Tritanopia

170.7390, -30.1220, -4.7620

Trichromacy



Original Color

167.1780, -24.7090, -20.2690

Protanomaly

171.5940, -2.1530, -10.5450

Deuteranomaly

172.7350, 2.0640, -4.3680

Tritanomaly

169.5340, -28.2870, -10.4870

Monochromacy



Original Color

167.1780, -24.7090, -20.2690

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.8800, -8.7100, -7.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.1780, -24.7090, -20.2690 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, 187, 160)` looks like.

```
.text, #text, p{  
    color:rgb(131, 187, 160)  
}
```

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, 187, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 187, 160) }
```

Border

The CSS property to change the border of an element to YIQ 167.1780, -24.7090, -20.2690 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, 187, 160) }
```


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

```
.border{ border-color:rgb(131, 187, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 187, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 187, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 187, 160);  
box-shadow:4px 4px 4px 4px rgb(131, 187,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 167.1780, -24.7090, -20.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 187, 160) }
```

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

```
.background{ background-color: rgb(131,  
187, 160) }
```

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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