

Converting Colors

YIQ(167.8460, 23.0200,
-20.7240)

Have a look what the booklet for
YIQ(167.8460, 23.0200, -20.7240)
contains.

YIQ(167.8460, 23.0200, -20.7240)	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(167.8460, 23.0200,
-20.7240)**

Conversions

Conversions Part 1

Format	Color
Hex	B1AF6B
RGB	177, 175, 107
RGB Percent	69%, 69%, 42%
CMY	0.3059, 0.3137, 0.5802
CMYK	0.00, 0.01, 0.40, 0.31
HSL	58°, 31%, 56%
HSV	58°, 40%, 69%
XYZ	36.1148, 41.0678, 19.9435
YIQ	167.8460, 23.0200, -20.7240

Conversions

Conversions Part 2

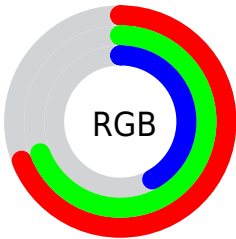
Format	Color
RYB	109, 177, 107
Decimal	11644779
CIELab	70.22, -9.51, 35.08
CIElCh	70, 36.344, 105.161
Yxy	41.0678, 0.3718, 0.4228
Android (android.graphics.Color)	4289834859 (0xFFB1AF6B)
YUV	167.8460, -29.9971, 8.0281
Hunter-Lab	64.0842, -11.5532, 26.4074

Details

The YIQ color **167.8460, 23.0200, -20.7240** is a light color, and the websafe version is hex **999966**. A complement of this color would be **116.1540, -23.0200, 20.7240**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.1020, 25.1750, -21.2330**, and **115.5900, 20.8650, -20.2150** is the 20% darker color. If you saturate the color by 10%, you get **165.7940, 28.7980, -26.3220**, and if you desaturate by 10%, it is **170.4850, 16.9670, -15.6490**.

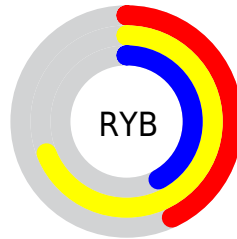
Distribution



Red (69%)

Green (69%)

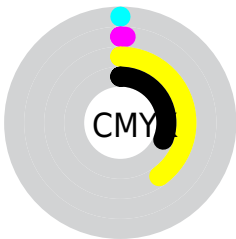
Blue (42%)



Red (43%)

Yellow (69%)

Blue (42%)

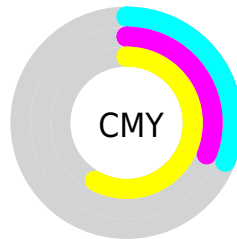


Cyan (0%)

Magenta (1%)

Yellow (40%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.8460, 23.0200, -20.7240 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 167.8460, 23.0200, -20.7240 by changing the saturation by 10% instead.

167.8460, 23.0200,
-20.7240

167.8460, 23.0200,
-20.7240

255.0000, -0.0000,
-0.0000

141.0740, 22.3780,
-20.1020

223.1020, 25.1750,
-21.2330

115.5900, 20.8650,
-20.2150

247.2480, 21.8280,
-21.1480

90.4050, 19.9480,
-20.1160

250.4400, 12.8400,
-12.4400

65.9920, 19.6730,
-20.6390

253.6320, 3.8520,
-3.7320

45.1750, 14.9040,
-16.8080

25.6720, 6.3750,
-10.9130

1.1740, -0.5500,

-1.0460

■ 0.0000, 0.0000,
0.0000

■ 167.8460, 23.0200,
-20.7240

■ 167.8460, 23.0200,
-20.7240

■ 165.7940, 28.7980,
-26.3220

■ 170.4850, 16.9670,
-15.6490

■ 163.2690, 34.5300,
-31.0860

■ 172.4230, 11.5100,
-10.3620

■ 160.6300, 40.5830,
-36.1610

■ 175.0620, 5.4570,
-5.2870

■ 158.5780, 46.3610,
-41.7590

■ 177.1140, -0.3210,
0.3110

■ 156.0530, 52.0930,
-46.5230

■ 179.7530, -6.3740,
5.3860

■ 154.0010, 57.8710,
-52.1210

■ 181.6910,
-11.8310, 10.6730

■ 153.8870, 58.1920,
-52.4320

■ 184.3300,
-17.8840, 15.7480

■ 186.3820,
-23.6620, 21.3460

■ 187.6530,
-25.8630, 22.6890

Harmonies

Analogous

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



170.7720, 44.2000, -8.0880



167.8460, 23.0200, -20.7240



163.4170, -6.6890, -27.4650

Triad

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



167.8460, 23.0200, -20.7240



148.8590, -92.4740, -20.1380



175.9960, 33.3270, 29.2870

Complementary

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



167.8460, 23.0200, -20.7240



116.1540, -23.0200, 20.7240

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.



175.9140, 4.2590, 27.4510



167.8460, 23.0200, -20.7240



161.4530, -67.1230, -0.4910

Square

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



167.8460, 23.0200, -20.7240



149.1190, -78.9470, -28.5070



171.4410, -31.3180, 16.9220



174.9360, 50.7510, 21.8790

Rectangle

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



167.8460, 23.0200, -20.7240



159.8580, -29.9800, -29.3720



171.4410, -31.3180, 16.9220



176.0320, 24.4780, 29.9660

Sweetspot

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



167.8460, 23.0200, -20.7240



226.2210, 9.2630, -8.1850



128.1580, 41.0780, 15.4620



112.5890, 5.4110, -4.4530



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



167.8460, 23.0200, -20.7240



215.3400, 35.7680, -31.4960



159.1530, 2.8020, -28.7660



87.9740, 2.8890, -2.7990



133.2100, 50.2130, -45.4910



22.4490, 8.6210, -7.5630

Inverse Universe

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



116.1540, -23.0200, 20.7240



136.0730, -35.4930, 32.0190



124.8470, -2.8020, 28.7660



81.6130, -3.1640, 2.2760



19.7900, -50.2130, 45.4910



3.5510, -8.6210, 7.5630

Previews

White Background



This preview shows how the YIQ color 167.8460, 23.0200, -20.7240 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 167.8460, 23.0200, -20.7240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

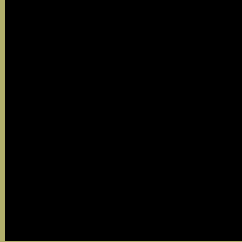
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 167.8460, 23.0200, -20.7240

Background



This preview shows how black text looks on a background with the YIQ color 167.8460, 23.0200, -20.7240.



This preview shows how white text looks on a background with the YIQ color 167.8460, 23.0200, -20.7240.

-20.7240.

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

167.8460, 23.0200, -20.7240

Protanopia

168.9610, 30.1260, -17.3460

Deuteranopia

170.5870, 43.2830, -7.9890



Tritanopia

173.1630, 7.1510, 8.0710

Trichromacy



Original Color

167.8460, 23.0200, -20.7240

Protanomaly

168.3520, 27.4670, -18.7170

Deuteranomaly

169.5320, 35.9480, -12.7240

Tritanomaly

171.0630, 12.8840, -2.2200

Monochromacy



Original Color

167.8460, 23.0200, -20.7240

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.1500, 8.0250, -7.7750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.8460, 23.0200, -20.7240 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(177, 175, 107)` looks like.

```
.text, #text, p{  
    color:rgb(177, 175, 107)  
}
```

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(177, 175, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 175, 107) }
```

Border

The CSS property to change the border of an element to YIQ 167.8460, 23.0200, -20.7240 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(177, 175, 107) }
```


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

```
.border{ border-color:rgb(177, 175, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 175, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 175, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 175, 107);  
box-shadow:4px 4px 4px 4px rgb(177, 175,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 167.8460, 23.0200, -20.7240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 175, 107) }
```

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

```
.background{ background-color: rgb(177,  
175, 107) }
```

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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