

Converting Colors

YIQ(170.9420, 23.1100,
-11.3380)

Have a look what the booklet for
YIQ(170.9420, 23.1100, -11.3380)
contains.

YIQ(170.9420, 23.1100, -11.3380)	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(170.9420, 23.1100,
-11.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	BAAC7E
RGB	186, 172, 126
RGB Percent	73%, 67%, 49%
CMY	0.2706, 0.3255, 0.5057
CMYK	0.00, 0.08, 0.32, 0.27
HSL	46°, 30%, 61%
HSV	46°, 32%, 73%
XYZ	38.7694, 41.4492, 25.7068
YIQ	170.9420, 23.1100, -11.3380

Conversions

Conversions Part 2

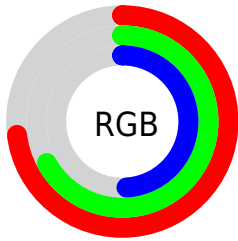
Format	Color
RYB	144, 186, 126
Decimal	12233854
CIELab	70.49, -1.99, 25.51
CIELCh	70, 25.586, 94.456
Yxy	41.4492, 0.3660, 0.3913
Android (android.graphics.Color)	4290423934 (0xFFBAAC7E)
YUV	170.9420, -22.1564, 13.2059
Hunter-Lab	64.3811, -5.1767, 21.3928

Details

The YIQ color **170.9420, 23.1100, -11.3380** is a light color, and the websafe version is hex **999966**. A complement of this color would be **141.0580, -23.1100, 11.3380**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.3120, 24.9440, -11.5360**, and **118.5720, 21.2760, -11.1400** is the 20% darker color. If you saturate the color by 10%, you get **166.4280, 30.3090, -15.1550**, and if you desaturate by 10%, it is **175.4560, 15.9110, -7.5210**.

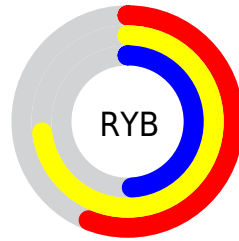
Distribution



Red (73%)

Green (67%)

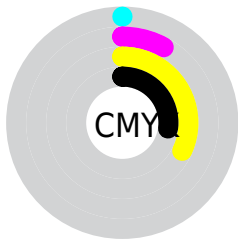
Blue (49%)



Red (56%)

Yellow (73%)

Blue (49%)

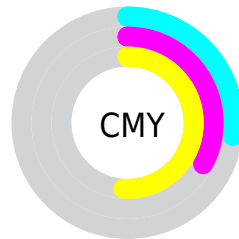


Cyan (0%)

Magenta (8%)

Yellow (32%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.9420, 23.1100, -11.3380 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 170.9420, 23.1100, -11.3380 by changing the saturation by 10% instead.

■ 170.9420, 23.1100,
-11.3380

■ 170.9420, 23.1100,
-11.3380

255.0000, -0.0000,
-0.0000

■ 144.7570, 22.1930,
-11.2390

■ 226.3120, 24.9440,
-11.5360

■ 118.5720, 21.2760,
-11.1400

■ 249.5280, 15.4080,
-14.9280

■ 93.5010, 20.0380,
-10.7300

■ 252.7200, 6.4200,
-6.2200

■ 70.0170, 18.5250,
-10.8430

■ 46.7180, 17.9290,
-11.0550

■ 26.9010, 13.1600,
-7.2240

■ 1.7610, -0.8250,

-1.5690

■ 0.0000, 0.0000,
0.0000

■ 170.9420, 23.1100,
-11.3380

■ 170.9420, 23.1100,
-11.3380

■ 166.4280, 30.3090,
-15.1550

■ 175.4560, 15.9110,
-7.5210

■ 161.4410, 37.4620,
-18.1380

■ 180.4430, 8.7580,
-4.5380

■ 156.9270, 44.6610,
-21.9550

■ 184.9570, 1.5590,
-0.7210

■ 152.5270, 51.5390,
-25.4610

■ 189.3570, -5.3190,
2.7850

■ 147.4260, 59.0130,
-28.7550

■ 194.4580,
-12.7930, 6.0790

■ 142.9120, 66.2120,
-32.5720

■ 198.9720,
-19.9920, 9.8960

■ 139.5550, 71.5310,
-35.3570

■ 203.2580,
-26.5490, 13.0910

■ 206.1930,
-27.9240, 10.4760

■ 208.5410,
-29.0240, 8.3840

Harmonies

Analogous

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



172.7960, 35.6250, -1.3590



170.9420, 23.1100, -11.3380



168.4880, 3.7170, -17.8110

Triad

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



170.9420, 23.1100, -11.3380



161.6760, -52.1740, -12.6060



176.0430, 16.7770, 20.8490

Complementary

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



170.9420, 23.1100, -11.3380



141.0580, -23.1100, 11.3380

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.



175.0280, -5.2300, 17.6980



170.9420, 23.1100, -11.3380



165.6370, -47.2700, -2.3580

Square

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



170.9420, 23.1100, -11.3380



162.6200, -40.5730, -19.1090



170.9540, -28.7490, 8.9070



175.5470, 32.7330, 18.0210

Rectangle

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



170.9420, 23.1100, -11.3380



166.1210, -11.3670, -19.7750



170.9540, -28.7490, 8.9070



175.9220, 9.8080, 20.4960

Sweetspot

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



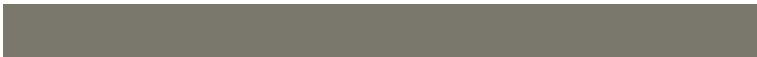
170.9420, 23.1100, -11.3380



236.3290, 9.0790, -4.8490



145.6500, 30.9450, 17.3850



118.6430, 5.3190, -2.7850



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.



170.9420, 23.1100, -11.3380



218.3700, 36.2240, -17.7280



174.6750, 10.3200, -21.8400



89.8000, 3.4390, -1.7530



116.4970, 60.2510, -29.1650



21.2860, 10.6380, -5.5700

Inverse Universe

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



141.0580, -23.1100, 11.3380



171.6300, -36.2240, 17.7280



137.3250, -10.3200, 21.8400



85.2000, -3.4390, 1.7530



38.9160, -59.9760, 29.6880



7.3010, -10.9130, 5.0470

Previews

White Background



This preview shows how the YIQ color 170.9420, 23.1100, -11.3380 looks on a white background.

Color Contrast Check

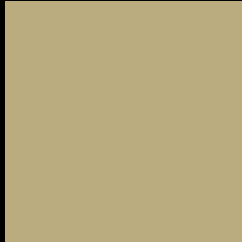
Large Text (above 18pt) WCAG AA × Fail

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 170.9420, 23.1100, -11.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

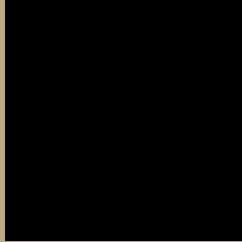
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.9420, 23.1100, -11.3380

Background



This preview shows how black text looks on a background with the YIQ color 170.9420, 23.1100, -11.3380.



This preview shows how white text looks on a background with the YIQ color 170.9420, 23.1100, -11.3380.

-11.3380.

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

170.9420, 23.1100, -11.3380

Protanopia

170.6430, 22.5140, -11.5500

Deuteranopia

172.3290, 35.4420, -3.5500



Tritanopia

174.5550, 11.9190, 9.7670

Trichromacy



Original Color

170.9420, 23.1100, -11.3380

Protanomaly

170.6430, 22.5140, -11.5500

Deuteranomaly

171.9970, 30.4450, -6.6030

Tritanomaly

173.5520, 16.0010, 1.8650

Monochromacy



Original Color

170.9420, 23.1100, -11.3380

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.6710, 8.1160, -3.9160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.9420, 23.1100, -11.3380 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(186, 172, 126)` looks like.

```
.text, #text, p{  
    color:rgb(186, 172, 126)  
}
```

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(186, 172, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 172, 126) }
```

Border

The CSS property to change the border of an element to YIQ 170.9420, 23.1100, -11.3380 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(186, 172, 126) }
```


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

```
.border{ border-color:rgb(186, 172, 126) }
```

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

Here you see how a box with a 4 pixel rgb(186, 172, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 172, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 172, 126);  
box-shadow:4px 4px 4px 4px rgb(186, 172,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 170.9420, 23.1100, -11.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 172, 126) }
```

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

```
.background{ background-color: rgb(186,  
172, 126) }
```

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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