

Converting Colors

YIQ(163.8530, 22.2830, -1.8530)

Have a look what the booklet for
YIQ(163.8530, 22.2830, -1.8530)
contains.

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Color

**YIQ(163.8530, 22.2830,
-1.8530)**

Conversions

Conversions Part 1

Format	Color
Hex	B89F88
RGB	184, 159, 136
RGB Percent	72%, 62%, 53%
CMY	0.2784, 0.3765, 0.4666
CMYK	0.00, 0.14, 0.26, 0.28
HSL	29°, 25%, 63%
HSV	29°, 26%, 72%
XYZ	36.6121, 36.7628, 28.4689
YIQ	163.8530, 22.2830, -1.8530

Conversions

Conversions Part 2

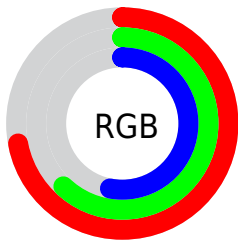
Format	Color
RYB	184, 180, 136
Decimal	12099464
CIELab	67.10, 5.62, 15.38
CIELCh	67, 16.378, 69.938
Yxy	36.7628, 0.3595, 0.3610
Android (android.graphics.Color)	4290289544 (0xFFB89F88)
YUV	163.8530, -13.7315, 17.6689
Hunter-Lab	60.6323, 1.6786, 14.6040

Details

The YIQ color **163.8530, 22.2830, -1.8530** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **156.1470, -22.2830, 1.8530**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **219.2230, 24.1170, -2.0510**, and **112.0700, 20.1740, -2.1780** is the 20% darker color. If you saturate the color by 10%, you get **155.9310, 30.8110, -2.2210**, and if you desaturate by 10%, it is **171.7750, 13.7550, -1.4850**.

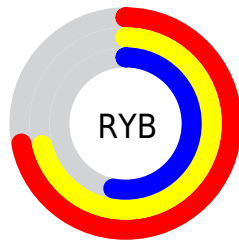
Distribution



Red (72%)

Green (62%)

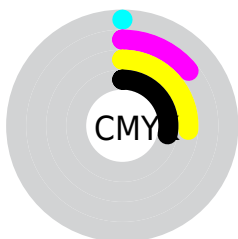
Blue (53%)



Red (72%)

Yellow (71%)

Blue (53%)

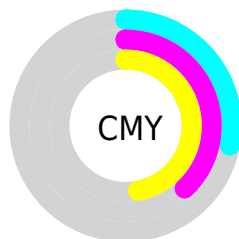


Cyan (0%)

Magenta (14%)

Yellow (26%)

Black (28%)



Cyan (28%)

Magenta (38%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.8530, 22.2830, -1.8530 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 163.8530, 22.2830, -1.8530 by changing the saturation by 10% instead.

■ 163.8530, 22.2830,
-1.8530

■ 163.8530, 22.2830,
-1.8530

■ 255.0000, -0.0000,
-0.0000

■ 137.6680, 21.3660,
-1.7540

■ 219.2230, 24.1170,
-2.0510

■ 112.0700, 20.1740,
-2.1780

■ 243.0370, 15.7730,
-5.0190

■ 87.2980, 19.5320,
-1.5560

■ 253.9740, 2.8890,
-2.7990

■ 63.8140, 18.0190,
-1.6690

■ 41.9170, 16.2310,
-2.3050

■ 21.0310, 15.9100,
-1.9940

■ 0.0000, 0.0000,

0.0000

■ 163.8530, 22.2830,
-1.8530

■ 163.8530, 22.2830,
-1.8530

■ 155.9310, 30.8110,
-2.2210

■ 171.7750, 13.7550,
-1.4850

■ 148.4820, 39.3850,
-3.4230

■ 179.2240, 5.1810,
-0.2830

■ 140.5600, 47.9130,
-3.7910

■ 187.1460, -3.3470,
0.0850

■ 133.1110, 56.4870,
-4.9930

■ 194.5950,
-11.9210, 1.2870

■ 125.1890, 65.0150,
-5.3610

■ 202.5170,
-20.4490, 1.6550

■ 117.2670, 73.5430,
-5.7290

■ 210.4390,
-28.9770, 2.0230

■ 109.8180, 82.1170,
-6.9310

■ 216.7480,
-34.3410, 0.1150

■ 106.6720, 85.4640,
-7.0160

■ 222.6180,
-37.0910, -5.1150

■ 227.9010,
-39.5660, -9.8220

Harmonies

Analogous

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



165.2220, 25.8580, 4.9460



163.8530, 22.2830, -1.8530



162.3740, 13.2060, -8.0580

Triad

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



163.8530, 22.2830, -1.8530



157.7900, -26.1320, -10.9960



165.3780, -0.6440, 11.6760

Complementary

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



163.8530, 22.2830, -1.8530



156.1470, -22.2830, 1.8530

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.



163.3160, -15.2690, 6.8990



163.8530, 22.2830, -1.8530



158.5000, -30.9470, -6.3310

Square

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



163.8530, 22.2830, -1.8530



158.7820, -14.4860, -12.8060



160.7550, -27.0510, 0.1570



166.1470, 13.2480, 13.2160

Rectangle

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



163.8530, 22.2830, -1.8530



161.3020, 4.5410, -10.7150



160.7550, -27.0510, 0.1570



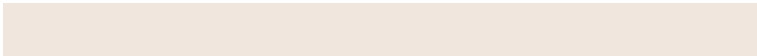
165.1000, -5.7330, 10.2910

Sweetspot

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



163.8530, 22.2830, -1.8530



231.9640, 8.8490, -0.6790



153.3160, 20.2620, 18.2620



115.1100, 5.5020, -0.5940



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.



163.8530, 22.2830, -1.8530



208.5570, 34.8000, -2.9280



177.3540, 15.9580, -13.8820



88.0390, 4.2640, -0.1840



90.0820, 72.6260, -5.6300



16.0030, 13.1130, -0.8630

Inverse Universe

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



156.1470, -22.2830, 1.8530



196.4430, -34.8000, 2.9280



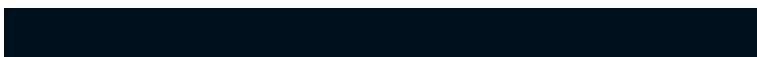
142.6460, -15.9580, 13.8820



86.3740, -3.9890, 0.7070



65.3310, -72.3510, 6.1530



11.9970, -13.1130, 0.8630

Previews

White Background



This preview shows how the YIQ color 163.8530, 22.2830, -1.8530 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 163.8530, 22.2830, -1.8530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

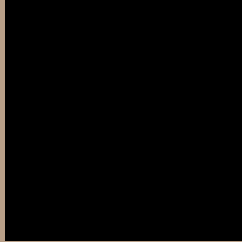
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.8530, 22.2830, -1.8530

Background



This preview shows how black text looks on a background with the YIQ color 163.8530, 22.2830, -1.8530.



This preview shows how white text looks on a background with the YIQ color 163.8530, 22.2830,

-1.8530.

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

163.8530, 22.2830, -1.8530

Protanopia

162.8410, 13.3890, -5.8670

Deuteranopia

164.1740, 25.8130, 0.2530



Tritanopia

166.2350, 15.8160, 10.7280

Trichromacy



Original Color

163.8530, 22.2830, -1.8530

Protanomaly

163.3360, 16.3690, -4.8070

Deuteranomaly

164.1630, 24.3460, -0.6940

Tritanomaly

165.2690, 18.4760, 6.5720

Monochromacy



Original Color

163.8530, 22.2830, -1.8530

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.7790, 7.9320, -0.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.8530, 22.2830, -1.8530 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(184, 159, 136)` looks like.

```
.text, #text, p{  
    color:rgb(184, 159, 136)  
}
```

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(184, 159, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 159, 136) }
```

Border

The CSS property to change the border of an element to YIQ 163.8530, 22.2830, -1.8530 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(184, 159, 136) }
```


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

```
.border{ border-color:rgb(184, 159, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 159, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 159, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 159, 136);  
box-shadow:4px 4px 4px 4px rgb(184, 159,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 163.8530, 22.2830, -1.8530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 159, 136) }
```

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

```
.background{ background-color: rgb(184,  
159, 136) }
```

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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