

Converting Colors

YIQ(164.5830, 4.4070, -30.3210)

Have a look what the booklet for
YIQ(164.5830, 4.4070, -30.3210)
contains.

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Color

**YIQ(164.5830, 4.4070,
-30.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	96B76C
RGB	150, 183, 108
RGB Percent	59%, 72%, 42%
CMY	0.4119, 0.2823, 0.5764
CMYK	0.18, 0.00, 0.41, 0.28
HSL	86°, 34%, 57%
HSV	86°, 41%, 72%
XYZ	32.2159, 41.4367, 20.4929
YIQ	164.5830, 4.4070, -30.3210

Conversions

Conversions Part 2

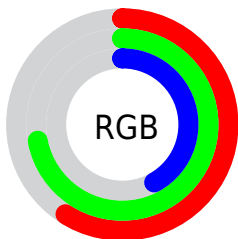
Format	Color
RYB	108, 183, 141
Decimal	9877356
CIELab	70.48, -24.15, 34.49
CIELCh	70, 42.102, 124.996
Yxy	41.4367, 0.3422, 0.4401
Android (android.graphics.Color)	4288067436 (0xFF96B76C)
YUV	164.5830, -27.8954, -12.7893
Hunter-Lab	64.3714, -23.3161, 26.1848

Details

The YIQ color **164.5830, 4.4070, -30.3210** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **126.4170, -4.4070, 30.3210**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.8280, 5.0950, -31.7770**, and **112.3380, 3.7190, -28.8650** is the 20% darker color. If you saturate the color by 10%, you get **160.1390, 5.4170, -37.6150**, and if you desaturate by 10%, it is **169.0270, 3.3970, -23.0270**.

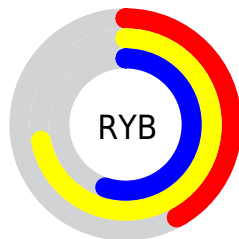
Distribution



Red (59%)

Green (72%)

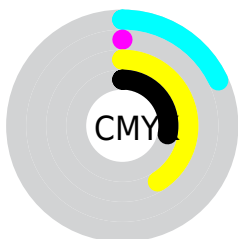
Blue (42%)



Red (42%)

Yellow (72%)

Blue (55%)

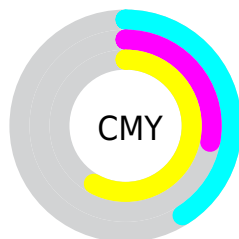


Cyan (18%)

Magenta (0%)

Yellow (41%)

Black (28%)



Cyan (41%)


Magenta (28%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.5830, 4.4070, -30.3210 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 164.5830, 4.4070, -30.3210 by changing the saturation by 10% instead.

 164.5830, 4.4070,
-30.3210


 164.5830, 4.4070,
-30.3210


255.0000, -0.0000,
-0.0000

 137.8110, 3.7650,
-29.6990


 219.8280, 5.0950,
-31.7770


 112.3380, 3.7190,
-28.8650


 241.0830, 8.9910,
-25.2890


 87.1530, 2.8020,
-28.7660

 250.5540, 12.5190,
-12.1290

 62.3380, 3.7190,
-28.8650

 253.8600, 3.2100,
-3.1100

 40.9340, -0.7750,
-24.5110

 21.1320, -9.9000,
-18.8280

 1.7610, -0.8250,

-1.5690

■ 0.0000, 0.0000,
0.0000

■ 164.5830, 4.4070,
-30.3210

■ 164.5830, 4.4070,
-30.3210

■ 160.1390, 5.4170,
-37.6150

■ 169.0270, 3.3970,
-23.0270

■ 155.5810, 6.7480,
-45.2200

■ 173.5850, 2.0660,
-15.4220

■ 151.1370, 7.7580,
-52.5140

■ 178.0290, 1.0560,
-8.1280

■ 146.6930, 8.7680,
-59.8080

■ 182.4730, 0.0460,
-0.8340

■ 142.2490, 9.7780,
-67.1020

■ 187.0310, -1.2850,
6.7710

■ 137.9190, 10.4670,
-74.0850

■ 191.4750, -2.2950,
14.0650

■ 195.9190, -3.3050,
21.3590

■ 200.3630, -4.3150,
28.6530

■ 203.1680, 0.7280,
30.8720

Harmonies

Analogous

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



168.9030, 36.0410, -19.9190



164.5830, 4.4070, -30.3210



157.8740, -36.0770, -34.5170

Triad

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



164.5830, 4.4070, -30.3210



147.4310, -105.5880, -13.7480



175.6470, 53.3630, 29.6110

Complementary

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



164.5830, 4.4070, -30.3210



126.4170, -4.4070, 30.3210

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.



177.2330, 28.4660, 34.7860



164.5830, 4.4070, -30.3210



167.7850, -52.9580, 12.6260

Square

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



164.5830, 4.4070, -30.3210



136.6270, -121.5400, -33.0280



176.0250, -9.1750, 28.6250



173.7660, 62.6730, 15.0650

Rectangle

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



164.5830, 4.4070, -30.3210



149.6390, -69.0880, -36.4800



176.0250, -9.1750, 28.6250



175.9330, 46.8060, 32.8060

Sweetspot

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



164.5830, 4.4070, -30.3210



230.2200, 1.8360, -11.2520



149.7960, 35.6250, -1.3590



115.6700, 0.6890, -6.9830



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.



164.5830, 4.4070, -30.3210



208.5270, 6.8400, -46.8880



153.5200, -17.6450, -38.1650



89.7780, 0.5050, -3.6470



117.5850, 8.9520, -63.1440



21.2200, 1.8360, -11.2520

Inverse Universe

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



126.4170, -4.4070, 30.3210



149.4730, -6.8400, 46.8880



137.4800, 17.6450, 38.1650



85.2220, -0.5050, 3.6470



38.4150, -8.9520, 63.1440



6.7800, -1.8360, 11.2520

Previews

White Background



This preview shows how the YIQ color 164.5830, 4.4070, -30.3210 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 164.5830, 4.4070, -30.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

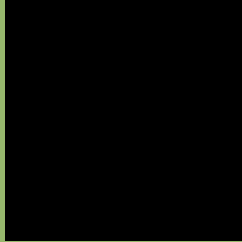
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.5830, 4.4070, -30.3210

Background



This preview shows how black text looks on a background with the YIQ color 164.5830, 4.4070, -30.3210.



This preview shows how white text looks on a background with the YIQ color 164.5830, 4.4070,

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

164.5830, 4.4070, -30.3210

Protanopia

169.0320, 31.3640, -17.7560

Deuteranopia

170.9290, 42.3200, -7.0560



Tritanopia

171.5950, -11.9210, 1.2870

Trichromacy



Original Color

164.5830, 4.4070, -30.3210

Protanomaly

167.3080, 21.5990, -22.5050

Deuteranomaly

168.6450, 28.2000, -15.4800

Tritanomaly

168.8540, -5.8210, -10.1490

Monochromacy



Original Color

164.5830, 4.4070, -30.3210

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.2200, 1.8360, -11.2520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.5830, 4.4070, -30.3210 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(150, 183, 108)` looks like.

```
.text, #text, p{  
    color:rgb(150, 183, 108)  
}
```

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(150, 183, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 183, 108) }
```

Border

The CSS property to change the border of an element to YIQ 164.5830, 4.4070, -30.3210 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(150, 183, 108) }
```


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

```
.border{ border-color:rgb(150, 183, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 183, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 183, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 183, 108);  
box-shadow:4px 4px 4px 4px rgb(150, 183,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 164.5830, 4.4070, -30.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 183, 108) }
```

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

```
.background{ background-color: rgb(150,  
183, 108) }
```

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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