

Converting Colors

YIQ(128.4370, -9.4410,
-21.6410)

Have a look what the booklet for
YIQ(128.4370, -9.4410, -21.6410)
contains.

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Color

**YIQ(128.4370, -9.4410,
-21.6410)**

Conversions

Conversions Part 1

Format	Color
Hex	6A9166
RGB	106, 145, 102
RGB Percent	42%, 57%, 40%
CMY	0.5844, 0.4313, 0.6000
CMYK	0.27, 0.00, 0.30, 0.43
HSL	114°, 17%, 48%
HSV	114°, 30%, 57%
XYZ	18.4663, 24.2774, 16.2828
YIQ	128.4370, -9.4410, -21.6410

Conversions

Conversions Part 2

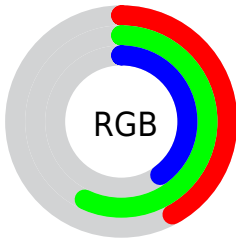
Format	Color
R_{YB}	102, 145, 141
Decimal	6984038
CIE _{Lab}	56.36, -22.33, 18.61
CIE _{LCh}	56, 29.063, 140.189
Yxy	24.2774, 0.3128, 0.4113
Android (android.graphics.Color)	4285174118 (0xFF6A9166)
YUV	128.4370, -13.0334, -19.6772
Hunter-Lab	49.2721, -19.3273, 14.8970

Details

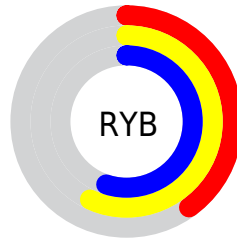
The YIQ color $128.4370, -9.4410, -21.6410$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $118.5630, 9.4410, 21.6410$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $181.4970, -9.6700, -22.9980$, and $78.4910, -9.5330, -19.9730$ is the 20% darker color. If you saturate the color by 10%, you get $122.8400, -12.3740, -29.0620$, and if you desaturate by 10%, it is $134.0340, -6.5080, -14.2200$.

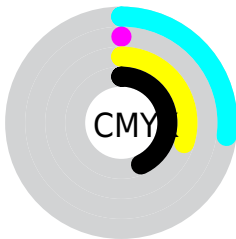
Distribution



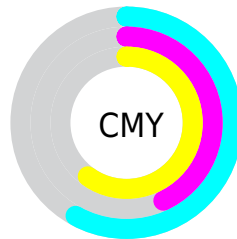
- Red (42%)
- Green (57%)
- Blue (40%)



- Red (40%)
- Yellow (57%)
- Blue (55%)



- Cyan (27%)
- Magenta (0%)
- Yellow (30%)
- Black (43%)



- Cyan (58%)
- Magenta (43%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.4370, -9.4410, -21.6410 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 128.4370, -9.4410, -21.6410 by changing the saturation by 10% instead.


 128.4370, -9.4410,
-21.6410

 128.4370, -9.4410,
-21.6410


255.0000, -0.0000,
-0.0000


 102.9640, -9.4870,
-20.8070


 181.4970, -9.6700,
-22.9980

 78.4910, -9.5330,
-19.9730


 209.0840, -9.9450,
-23.5210

 55.0180, -9.5790,
-19.1390

 237.0840, -9.9450,
-23.5210

 32.4200, -10.7710,
-19.5630

 248.9470, -1.6490,
-8.6650

 17.0230, -7.9750,
-15.1670

 0.0000, 0.0000,
0.0000

■ 128.4370, -9.4410,
-21.6410

■ 128.4370, -9.4410,
-21.6410

■ 122.8400,
-12.3740, -29.0620

■ 134.0340, -6.5080,
-14.2200

■ 117.3570,
-15.6280, -36.1720

■ 139.5170, -3.2540,
-7.1100

■ 111.4610,
-19.1570, -43.8050

■ 145.1140, -0.3210,
0.3110

■ 105.9780,
-22.4110, -50.9150

■ 150.8960, 3.5290,
7.6330

■ 100.3810,
-25.3440, -58.3360

■ 156.4930, 6.4620,
15.0540

■ 94.8980, -28.5980,
-65.4460

■ 161.9760, 9.7160,
22.1640

■ 89.3010, -31.5310,
-72.8670

■ 167.5730, 12.6490,
29.5850

■ 89.0020, -32.1270,

■ 173.0560, 15.9030,

-73.0790

36.6950

■ 178.6530, 18.8360,
44.1160

Harmonies

Analogous

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



131.8760, 14.3080, -17.0200



128.4370, -9.4410, -21.6410



123.6650, -36.4460, -22.3180

Triad

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



128.4370, -9.4410, -21.6410



129.1690, -45.7120, 2.4480



137.5600, 39.8860, 15.0380

Complementary

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



128.4370, -9.4410, -21.6410



118.5630, 9.4410, 21.6410

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.



138.7300, 27.9640, 21.8520



128.4370, -9.4410, -21.6410



136.2050, -19.0300, 14.4900

Square

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



128.4370, -9.4410, -21.6410



120.6730, -65.2870, -11.7430



138.8940, 7.0110, 21.6270



135.8940, 41.4010, 4.0970

Rectangle

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



128.4370, -9.4410, -21.6410



120.2100, -54.0980, -21.7940



138.8940, 7.0110, 21.6270



137.8850, 37.5930, 18.0490

Sweetspot

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



128.4370, -9.4410, -21.6410



182.2780, -4.0790, -8.6790



137.7500, 14.9030, -11.2810



90.1690, -2.1540, -5.0180



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



128.4370, -9.4410, -21.6410



162.7100, -15.1240, -34.2920



129.1790, -17.2820, -17.2020



68.4080, -1.3290, -3.4490



82.8330, -29.9730, -68.0610



4.9950, -1.6040, -3.9720

Inverse Universe

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



118.5630, 9.4410, 21.6410



146.9910, 14.5280, 34.0800



117.8210, 17.2820, 17.2020



66.8910, 1.9250, 3.6610



52.1670, 29.9730, 68.0610



3.0050, 1.6040, 3.9720

Previews

White Background



This preview shows how the YIQ color 128.4370, -9.4410, -21.6410 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 128.4370, -9.4410, -21.6410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

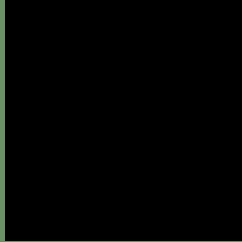
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.4370, -9.4410, -21.6410

Background



This preview shows how black text looks on a background with the YIQ color 128.4370, -9.4410, -21.6410.



This preview shows how white text looks on a background with the YIQ color 128.4370, -9.4410, -21.6410.

-21.6410.

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

128.4370, -9.4410, -21.6410

Protanopia

133.6580, 18.1580, -9.6980

Deuteranopia

134.9350, 24.9880, -1.3160



Tritanopia

132.7790, -18.4310, -1.8790

Trichromacy



Original Color

128.4370, -9.4410, -21.6410

Protanomaly

132.0480, 8.0720, -14.1360

Deuteranomaly

132.6620, 12.3350, -8.7930

Tritanomaly

131.1180, -15.3120, -8.8480

Monochromacy



Original Color

128.4370, -9.4410, -21.6410

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.1040, -3.5290, -7.6330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.4370, -9.4410, -21.6410 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(106, 145, 102)` looks like.

```
.text, #text, p{  
    color:rgb(106, 145, 102)  
}
```

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(106, 145, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 145, 102) }
```

Border

The CSS property to change the border of an element to YIQ 128.4370, -9.4410, -21.6410 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(106, 145, 102) }
```


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

```
.border{ border-color:rgb(106, 145, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 145, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 145, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 145, 102); box-shadow:4px 4px 4px 4px rgb(106, 145, 102) }
```

Background

The CSS property to change the background color of an element to YIQ 128.4370, -9.4410, -21.6410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 145, 102) }
```

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

```
.background{ background-color: rgb(106,  
145, 102) }
```

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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