

Converting Colors

YIQ(149.8570, -1.8760,
-21.0760)

Have a look what the booklet for
YIQ(149.8570, -1.8760, -21.0760)
contains.

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Color

**YIQ(149.8570, -1.8760,
-21.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	87A474
RGB	135, 164, 116
RGB Percent	53%, 64%, 45%
CMY	0.4707, 0.3568, 0.5451
CMYK	0.18, 0.00, 0.29, 0.36
HSL	96°, 21%, 55%
HSV	96°, 29%, 64%
XYZ	26.4181, 32.9652, 21.4958
YIQ	149.8570, -1.8760, -21.0760

Conversions

Conversions Part 2

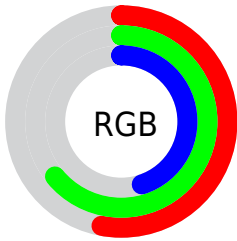
Format	Color
RYB	116, 164, 145
Decimal	8889460
CIELab	64.13, -19.09, 21.70
CIElCh	64, 28.908, 131.340
Yxy	32.9652, 0.3266, 0.4076
Android (android.graphics.Color)	4287079540 (0xFF87A474)
YUV	149.8570, -16.6915, -13.0296
Hunter-Lab	57.4153, -18.3450, 17.9930

Details

The YIQ color **149.8570, -1.8760, -21.0760** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **130.1430, 1.8760, 21.0760**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.2160, -1.5090, -22.2210**, and **98.4980, -2.2430, -19.9310** is the 20% darker color. If you saturate the color by 10%, you get **145.0430, -2.7000, -28.1720**, and if you desaturate by 10%, it is **154.6710, -1.0520, -13.9800**.

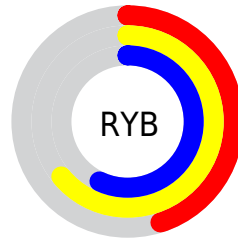
Distribution



Red (53%)

Green (64%)

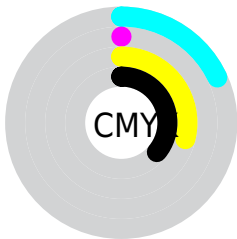
Blue (45%)



Red (45%)

Yellow (64%)

Blue (57%)

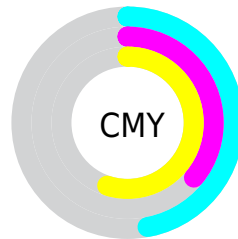


Cyan (18%)

Magenta (0%)

Yellow (29%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.8570, -1.8760, -21.0760 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 149.8570, -1.8760, -21.0760 by changing the saturation by 10% instead.

■ 149.8570, -1.8760,
-21.0760

■ 149.8570, -1.8760,
-21.0760

■ 255.0000, -0.0000,
-0.0000

■ 123.9710, -2.1970,
-20.7650

■ 204.2160, -1.5090,
-22.2210

■ 98.4980, -2.2430,
-19.9310

■ 232.8030, -1.7840,
-22.7440

■ 74.7260, -2.8850,
-19.3090

■ 248.4760, 3.9910,
-11.7610

■ 51.2530, -2.9310,
-18.4750

■ 254.6580, 0.9630,
-0.9330

■ 29.7370, -1.4180,
-18.3620

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,

0.0000

■ 149.8570, -1.8760,
-21.0760

■ 149.8570, -1.8760,
-21.0760

■ 145.0430, -2.7000,
-28.1720

■ 154.6710, -1.0520,
-13.9800

■ 140.1150, -3.2030,
-35.5790

■ 159.5990, -0.5490,
-6.5730

■ 135.3010, -4.0270,
-42.6750

■ 164.4130, 0.2750,
0.5230

■ 130.3730, -4.5300,
-50.0820

■ 169.3410, 0.7780,
7.9300

■ 125.5590, -5.3540,
-57.1780

■ 174.1550, 1.6020,
15.0260

■ 120.7450, -6.1780,
-64.2740

■ 178.9690, 2.4260,
22.1220

■ 116.1160, -6.0850,
-71.4690

■ 183.5980, 2.3330,
29.3170

■ 115.7030, -6.3600,
-71.9920

■ 188.4120, 3.1570,
36.4130

■ 192.3140, 6.5490,
41.0210

Harmonies

Analogous

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



153.1650, 20.8640, -14.6880



149.8570, -1.8760, -21.0760



145.7430, -27.9180, -22.6860

Triad

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



149.8570, -1.8760, -21.0760



148.2390, -51.9010, -1.0290



158.3690, 39.1060, 18.1620

Complementary

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



149.8570, -1.8760, -21.0760



130.1430, 1.8760, 21.0760

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.



159.3320, 23.3330, 23.1810



149.8570, -1.8760, -21.0760



155.1330, -27.6950, 11.8330

Square

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



149.8570, -1.8760, -21.0760



141.6900, -63.9570, -13.8210



158.3600, -0.2330, 20.7510



156.8990, 43.0050, 8.0690

Rectangle

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



149.8570, -1.8760, -21.0760



143.2880, -45.5700, -22.1620



158.3600, -0.2330, 20.7510



158.7970, 35.0250, 20.5370

Sweetspot

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



149.8570, -1.8760, -21.0760



208.5450, -0.4570, -8.2410



147.3750, 20.6330, -4.9910



103.5390, -0.3200, -5.2160



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



149.8570, -1.8760, -21.0760



191.9950, -2.7450, -32.8650



144.7460, -14.8050, -23.5490



79.4790, -0.0910, -3.8590



102.1580, -5.9030, -63.7510



12.6590, -0.7780, -7.9300

Inverse Universe

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



130.1430, 1.8760, 21.0760



161.3040, 3.3410, 33.0770



135.2540, 14.8050, 23.5490



75.5210, 0.0910, 3.8590



42.8420, 5.9030, 63.7510



5.3410, 0.7780, 7.9300

Previews

White Background



This preview shows how the YIQ color 149.8570, -1.8760, -21.0760 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 149.8570, -1.8760, -21.0760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

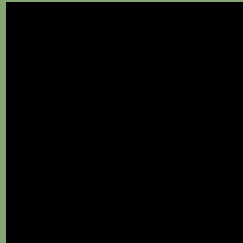
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 149.8570, -1.8760, -21.0760

Background



This preview shows how black text looks on a background with the YIQ color 149.8570, -1.8760, -21.0760.



This preview shows how white text looks on a background with the YIQ color 149.8570, -1.8760,

-21.0760.

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

149.8570, -1.8760, -21.0760

Protanopia

153.6860, 20.9550, -10.8290

Deuteranopia

155.4470, 29.2980, -2.3340



Tritanopia

154.2960, -12.5170, 1.0750

Trichromacy



Original Color

149.8570, -1.8760, -21.0760

Protanomaly

151.9730, 12.6570, -14.6310

Deuteranomaly

153.1850, 18.1120, -8.8640

Tritanomaly

152.8800, -8.7100, -7.3500

Monochromacy



Original Color

149.8570, -1.8760, -21.0760

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.0720, -0.5030, -7.4070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.8570, -1.8760, -21.0760 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(135, 164, 116)` looks like.

```
.text, #text, p{  
    color:rgb(135, 164, 116)  
}
```

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(135, 164, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 164, 116) }
```

Border

The CSS property to change the border of an element to YIQ 149.8570, -1.8760, -21.0760 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(135, 164, 116) }
```


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

```
.border{ border-color:rgb(135, 164, 116) }
```

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

Here you see how a box with a 4 pixel rgb(135, 164, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 164, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 164, 116);  
box-shadow:4px 4px 4px 4px rgb(135, 164,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 149.8570, -1.8760, -21.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 164, 116) }
```

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

```
.background{ background-color: rgb(135,  
164, 116) }
```

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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