

Converting Colors

YIQ(126.8650, 3.6730, -28.0310)

Have a look what the booklet for
YIQ(126.8650, 3.6730, -28.0310)
contains.

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Color

**YIQ(126.8650, 3.6730,
-28.0310)**

Conversions

Conversions Part 1

Format	Color
Hex	71904B
RGB	113, 144, 75
RGB Percent	44%, 56%, 29%
CMY	0.5570, 0.4352, 0.7058
CMYK	0.22, 0.00, 0.48, 0.44
HSL	87°, 32%, 43%
HSV	87°, 48%, 56%
XYZ	18.0520, 23.9674, 10.3344
YIQ	126.8650, 3.6730, -28.0310

Conversions

Conversions Part 2

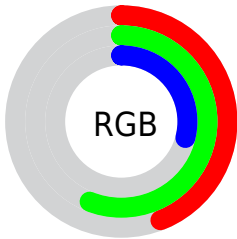
Format	Color
RYB	75, 144, 106
Decimal	7442507
CIELab	56.06, -23.17, 33.00
CIELCh	56, 40.326, 125.076
Yxy	23.9674, 0.3448, 0.4578
Android (android.graphics.Color)	4285632587 (0xFF71904B)
YUV	126.8650, -25.5694, -12.1596
Hunter-Lab	48.9565, -19.8545, 21.7538

Details

The YIQ color $126.8650, 3.6730, -28.0310$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $92.1350, -3.6730, 28.0310$, and the grayscale version is $127.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $180.1100, 4.3610, -29.4870$, and $76.6200, 2.9850, -26.5750$ is the 20% darker color. If you saturate the color by 10%, you get $123.1760, 3.9950, -33.8690$, and if you desaturate by 10%, it is $130.2550, 2.7550, -22.4050$.

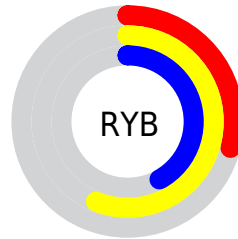
Distribution



Red (44%)

Green (56%)

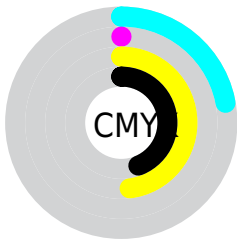
Blue (29%)



Red (29%)

Yellow (56%)

Blue (42%)

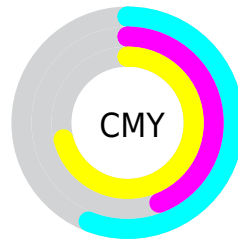


Cyan (22%)

Magenta (0%)

Yellow (48%)

Black (44%)



Cyan (56%)

Magenta (44%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.8650, 3.6730, -28.0310 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 126.8650, 3.6730, -28.0310 by changing the saturation by 10% instead.

■ 126.8650, 3.6730,
-28.0310

■ 126.8650, 3.6730,
-28.0310

■ 255.0000, -0.0000,
-0.0000

■ 101.3920, 3.6270,
-27.1970

■ 180.1100, 4.3610,
-29.4870

■ 76.6200, 2.9850,
-26.5750

■ 207.9960, 4.6820,
-29.7980

■ 53.0930, 3.0310,
-27.4090

■ 236.4690, 4.7280,
-30.6320

■ 32.3730, -3.3890,
-21.1890

■ 248.2180, 13.3450,
-16.0870

■ 16.4360, -7.7000,
-14.6440

■ 252.7200, 6.4200,
-6.2200

■ 0.0000, 0.0000,
0.0000

■ 126.8650, 3.6730,
-28.0310

■ 126.8650, 3.6730,
-28.0310

■ 123.1760, 3.9950,
-33.8690

■ 130.2550, 2.7550,
-22.4050

■ 119.6720, 5.2340,
-39.8060

■ 134.0580, 2.1120,
-16.2560

■ 116.2820, 6.1520,
-45.4320

■ 137.4480, 1.1940,
-10.6300

■ 112.4790, 6.7950,
-51.5810

■ 141.2510, 0.5510,
-4.4810

■ 109.0890, 7.7130,
-57.2070

■ 144.6410, -0.3670,
1.1450

■ 108.1490, 7.4840,
-58.5640

■ 148.3300, -0.6890,
6.9830

■ 151.8340, -1.9280,
12.9200

■ 155.5230, -2.2500,

18.7580

■ 159.0270, -3.4890,
24.6950

Harmonies

Analogous

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



130.5760, 32.6480, -19.0000



126.8650, 3.6730, -28.0310



119.6400, -35.2980, -32.1140

Triad

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



126.8650, 3.6730, -28.0310



108.1600, -103.3870, -15.0910



136.2550, 48.5950, 27.9150

Complementary

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



126.8650, 3.6730, -28.0310



92.1350, -3.6730, 28.0310

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.



138.0970, 25.8530, 32.5810



126.8650, 3.6730, -28.0310



128.8020, -51.6280, 10.5480

Square

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



126.8650, 3.6730, -28.0310



108.4730, -97.3790, -24.8590



137.4440, -9.0370, 26.1230



134.4170, 56.3460, 14.0900

Rectangle

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



126.8650, 3.6730, -28.0310



103.7020, -82.5670, -39.9990



137.4440, -9.0370, 26.1230



137.0140, 42.0840, 30.2760

Sweetspot

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



126.8650, 3.6730, -28.0310



179.4480, 1.1940, -10.6300



113.2410, 32.8740, -1.0620



90.0830, 0.9640, -6.4600



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.



126.8650, 3.6730, -28.0310



159.5640, 5.4180, -43.1420



116.9980, -15.9950, -35.0270



69.3050, 0.4590, -2.8130



101.3710, 6.9790, -54.9170



5.8920, 0.1840, -3.3360

Inverse Universe

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



92.1350, -3.6730, 28.0310



106.4360, -5.4180, 43.1420



102.0020, 15.9950, 35.0270



65.6950, -0.4590, 2.8130



33.6290, -6.9790, 54.9170



1.8090, -0.7800, 3.1240

Previews

White Background



This preview shows how the YIQ color 126.8650, 3.6730, -28.0310 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 126.8650, 3.6730, -28.0310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

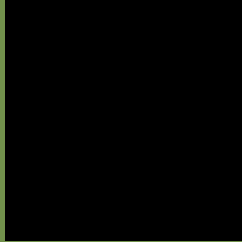
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.8650, 3.6730, -28.0310

Background



This preview shows how black text looks on a background with the YIQ color 126.8650, 3.6730, -28.0310.



This preview shows how white text looks on a background with the YIQ color 126.8650, 3.6730,

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

126.8650, 3.6730, -28.0310

Protanopia

131.1180, 28.2460, -16.3140

Deuteranopia

132.8790, 36.5890, -7.8190



Tritanopia

133.3670, -11.2790, 0.6650

Trichromacy



Original Color

126.8650, 3.6730, -28.0310

Protanomaly

129.6930, 19.0770, -20.8510

Deuteranomaly

130.9050, 24.5320, -15.0840

Tritanomaly

130.9680, -6.1420, -9.8380

Monochromacy



Original Color

126.8650, 3.6730, -28.0310

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.8610, 1.4690, -10.1070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.8650, 3.6730, -28.0310 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(113, 144, 75)` looks like.

```
.text, #text, p{  
    color:rgb(113, 144, 75)  
}
```

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(113, 144, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 144, 75) }
```

Border

The CSS property to change the border of an element to YIQ 126.8650, 3.6730, -28.0310 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(113, 144, 75) }
```


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

```
.border{ border-color:rgb(113, 144, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 144, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 144, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 144, 75);  
box-shadow:4px 4px 4px 4px rgb(113, 144,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 126.8650, 3.6730, -28.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 144, 75) }
```

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

```
.background{ background-color: rgb(113,  
144, 75) }
```

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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