

Converting Colors

YIQ(123.3110, 8.3490, -24.6670)

Have a look what the booklet for
YIQ(123.3110, 8.3490, -24.6670)
contains.

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Color

**YIQ(123.3110, 8.3490,
-24.6670)**

Conversions

Conversions Part 1

Format	Color
Hex	748948
RGB	116, 137, 72
RGB Percent	45%, 54%, 28%
CMY	0.5452, 0.4627, 0.7176
CMYK	0.15, 0.00, 0.47, 0.46
HSL	79°, 31%, 41%
HSV	79°, 47%, 54%
XYZ	17.3167, 22.0734, 9.4824
YIQ	123.3110, 8.3490, -24.6670

Conversions

Conversions Part 2

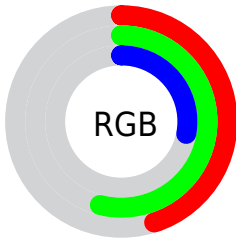
Format	Color
R_{YB}	72, 137, 93
Decimal	7637320
CIE Lab	54.10, -18.72, 32.22
CIE LCh	54, 37.265, 120.163
Yxy	22.0734, 0.3543, 0.4517
Android (android.graphics.Color)	4285827400 (0xFF748948)
YUV	123.3110, -25.2963, -6.4117
Hunter-Lab	46.9823, -16.4277, 20.9211

Details

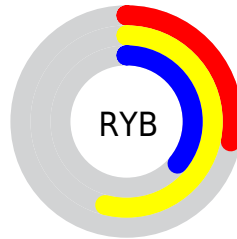
The YIQ color $123.3110, 8.3490, -24.6670$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $85.6890, -8.3490, 24.6670$, and the grayscale version is $124.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $175.9690, 9.3120, -25.6000$, and $73.6530, 7.3860, -23.7340$ is the 20% darker color. If you saturate the color by 10%, you get $120.5190, 10.4590, -29.8690$, and if you desaturate by 10%, it is $126.1030, 6.2390, -19.4650$.

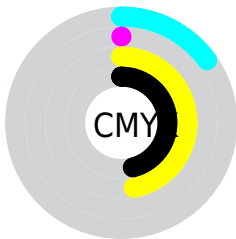
Distribution



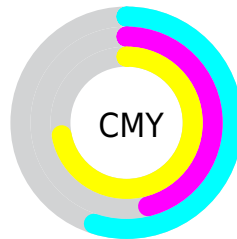
- Red (45%)
- Green (54%)
- Blue (28%)



- Red (28%)
- Yellow (54%)
- Blue (36%)



- Cyan (15%)
- Magenta (0%)
- Yellow (47%)
- Black (46%)
















- Cyan (55%)
- Magenta (46%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.3110, 8.3490, -24.6670 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 123.3110, 8.3490, -24.6670 by changing the saturation by 10% instead.

 123.3110, 8.3490, -24.6670	 123.3110, 8.3490, -24.6670
255.0000, -0.0000, -0.0000	 98.4250, 8.0280, -24.3560
 175.9690, 9.3120, -25.6000	 73.6530, 7.3860, -23.7340
 203.7410, 9.9540, -26.2220	 50.1260, 7.4320, -24.5680
 232.2140, 10.0000, -27.0560	 30.6340, 0.3700, -17.7260
 248.7730, 16.0960, -16.3840	 13.5010, -6.3250, -12.0290
 252.2640, 7.7040, -7.4640	 0.0000, 0.0000, 0.0000

■ 123.3110, 8.3490,
-24.6670

■ 123.3110, 8.3490,
-24.6670

■ 120.5190, 10.4590,
-29.8690

■ 126.1030, 6.2390,
-19.4650

■ 117.5420, 11.6520,
-34.9720

■ 129.0800, 5.0460,
-14.3620

■ 114.7500, 13.7620,
-40.1740

■ 131.8720, 2.9360,
-9.1600

■ 111.6590, 15.2760,
-45.5880

■ 134.9630, 1.4220,
-3.7460

■ 108.9810, 17.0650,
-50.4790

■ 137.7550, -0.6880,
1.4560

■ 108.2260, 17.7530,
-51.9350

■ 140.7320, -1.8810,
6.5590

■ 143.5240, -3.9910,
11.7610

■ 146.3160, -6.1010,

16.9630

■ 149.2930, -7.2940,
22.0660

Harmonies

Analogous

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



126.9830, 33.0600, -15.4520



123.3110, 8.3490, -24.6670



117.6090, -24.8450, -28.8210

Triad

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



123.3110, 8.3490, -24.6670



103.7430, -97.8390, -16.5190



131.4930, 41.9930, 26.4170

Complementary

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



123.3110, 8.3490, -24.6670



85.6890, -8.3490, 24.6670

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.



132.9820, 18.7470, 29.2030



123.3110, 8.3490, -24.6670



122.7970, -53.2320, 6.5760

Square

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



123.3110, 8.3490, -24.6670



103.4690, -91.5560, -25.7640



131.5850, -13.9880, 22.2360



130.0190, 51.7150, 15.4190

Rectangle

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



123.3110, 8.3490, -24.6670



109.8150, -54.7840, -31.3920



131.5850, -13.9880, 22.2360



132.1380, 35.8030, 28.4670

Sweetspot

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



123.3110, 8.3490, -24.6670



173.4590, 2.6610, -9.6830



103.7620, 32.9650, 2.7970



85.7950, 1.8350, -5.7250



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



123.3110, 8.3490, -24.6670



157.5050, 13.0740, -38.7180



113.7430, -10.7230, -31.4510



67.6040, 1.0550, -2.6010



104.9810, 17.0650, -50.4790



3.8320, 0.4130, -1.9790

Inverse Universe

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



85.6890, -8.3490, 24.6670



98.4950, -13.0740, 38.7180



95.2570, 10.7230, 31.4510



63.3960, -1.0550, 2.6010



28.0190, -17.0650, 50.4790



1.1680, -0.4130, 1.9790

Previews

White Background



This preview shows how the YIQ color 123.3110, 8.3490, -24.6670 looks on a white background.

Color Contrast Check

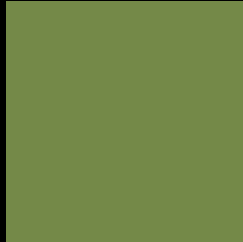
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.3110, 8.3490, -24.6670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

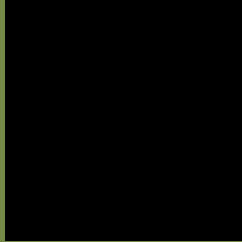
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.3110, 8.3490, -24.6670

Background



This preview shows how black text looks on a background with the YIQ color 123.3110, 8.3490, -24.6670.



This preview shows how white text looks on a background with the YIQ color 123.3110, 8.3490,

-24.6670.

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

123.3110, 8.3490, -24.6670

Protanopia

126.0470, 27.0080, -15.9040

Deuteranopia

127.6940, 35.6720, -7.7200



Tritanopia

129.0580, -5.9150, 2.5730

Trichromacy



Original Color

123.3110, 8.3490, -24.6670

Protanomaly

125.2310, 20.4980, -19.0700

Deuteranomaly

126.0300, 25.6780, -13.8260

Tritanomaly

127.0720, -0.5030, -7.4070

Monochromacy



Original Color

123.3110, 8.3490, -24.6670

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.8720, 2.9360, -9.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.3110, 8.3490, -24.6670 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(116, 137, 72)` looks like.

```
.text, #text, p{  
    color:rgb(116, 137, 72)  
}
```

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(116, 137, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 137, 72) }
```

Border

The CSS property to change the border of an element to YIQ 123.3110, 8.3490, -24.6670 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(116, 137, 72) }
```


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

```
.border{ border-color:rgb(116, 137, 72) }
```

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

Here you see how a box with a 4 pixel rgb(116, 137, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 137, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 137, 72);  
box-shadow:4px 4px 4px 4px rgb(116, 137,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 123.3110, 8.3490, -24.6670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 137, 72) }
```

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

```
.background{ background-color: rgb(116,  
137, 72) }
```

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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