

Converting Colors

YIQ(122.4790, -18.4270,
-23.9870)

Have a look what the booklet for
YIQ(122.4790, -18.4270, -23.9870)
contains.

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Color

**YIQ(122.4790, -18.4270,
-23.9870)**

Conversions

Conversions Part 1

Format	Color
Hex	5A8F66
RGB	90, 143, 102
RGB Percent	35%, 56%, 40%
CMY	0.6472, 0.4391, 0.6000
CMYK	0.37, 0.00, 0.29, 0.44
HSL	134°, 23%, 46%
HSV	134°, 37%, 56%
XYZ	16.4362, 22.7824, 16.0988
YIQ	122.4790, -18.4270, -23.9870

Conversions

Conversions Part 2

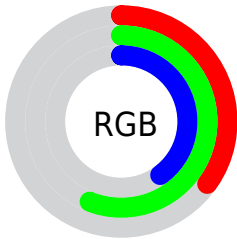
Format	Color
R_{YB}	90, 133, 143
Decimal	5934950
CIE _{Lab}	54.85, -26.81, 16.39
CIE _{LCh}	55, 31.428, 148.558
Yxy	22.7824, 0.2971, 0.4118
Android (android.graphics.Color)	4284125030 (0xFF5A8F66)
YUV	122.4790, -10.0961, -28.4841
Hunter-Lab	47.7309, -22.0623, 13.4142

Details

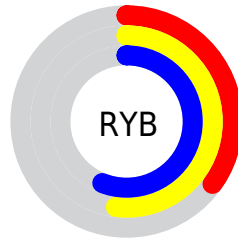
The YIQ color **122.4790, -18.4270, -23.9870** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **110.5210, 18.4270, 23.9870**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.5390, -18.6560, -25.3440**, and **72.2340, -19.1150, -22.5310** is the 20% darker color. If you saturate the color by 10%, you get **117.0390, -23.2400, -30.3760**, and if you desaturate by 10%, it is **127.9190, -13.6140, -17.5980**.

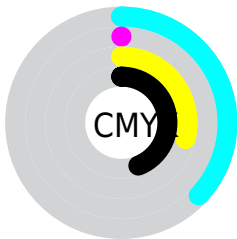
Distribution



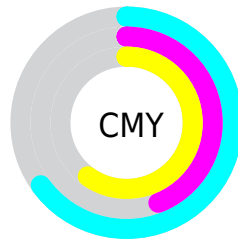
- Red (35%)
- Green (56%)
- Blue (40%)



- Red (35%)
- Yellow (52%)
- Blue (56%)



- Cyan (37%)
- Magenta (0%)
- Yellow (29%)
- Black (44%)



- Cyan (65%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.4790, -18.4270, -23.9870 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 122.4790, -18.4270, -23.9870 by changing the saturation by 10% instead.

■ 122.4790,
-18.4270, -23.9870

■ 122.4790,
-18.4270, -23.9870

■ 255.0000, -0.0000,
-0.0000

■ 97.0060, -18.4730,
-23.1530

■ 175.5390,
-18.6560, -25.3440

■ 72.2340, -19.1150,
-22.5310

■ 203.1260,
-18.9310, -25.8670

■ 47.5650, -21.5450,
-22.5450

■ 231.7130,
-19.2060, -26.3900

■ 27.6690, -15.9060,
-20.1140

■ 243.8640,
-11.7810, -12.2690

■ 15.2620, -7.1500,
-13.5980

■ 254.7010, -0.5960,
-0.2120

■ 0.0000, 0.0000,
0.0000

■ 122.4790,
-18.4270, -23.9870

■ 122.4790,
-18.4270, -23.9870

■ 117.0390,
-23.2400, -30.3760

■ 127.9190,
-13.6140, -17.5980

■ 111.3000,
-28.6490, -36.9770

■ 133.6580, -8.2050,
-10.9970

■ 105.8600,
-33.4620, -43.3660

■ 139.0980, -3.3920,
-4.6080

■ 100.4200,
-38.2750, -49.7550

■ 144.5380, 1.4210,
1.7810

■ 94.6810, -43.6840,
-56.3560

■ 149.9780, 6.2340,
8.1700

■ 89.2410, -48.4970,
-62.7450

■ 155.7170, 11.6430,
14.7710

■ 87.5890, -49.5970,
-64.8370

■ 161.1570, 16.4560,
21.1600

■ 166.5970, 21.2690,

27.5490

■ 172.4500, 26.3570,
34.4610

Harmonies

Analogous

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



126.3590, 8.3940, -19.9740



122.4790, -18.4270, -23.9870



116.2550, -49.9710, -25.0030

Triad

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



122.4790, -18.4270, -23.9870



126.3590, -43.1910, 6.3210



132.6590, 43.9210, 13.4970

Complementary

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



122.4790, -18.4270, -23.9870



110.5210, 18.4270, 23.9870

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.



134.2640, 35.2080, 22.7280



122.4790, -18.4270, -23.9870



133.2490, -13.1620, 18.2780

Square

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



122.4790, -18.4270, -23.9870



114.6060, -72.3480, -10.4280



134.7810, 14.7590, 24.3830



131.6720, 41.9060, 0.4500

Rectangle

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



122.4790, -18.4270, -23.9870



109.7500, -73.3540, -25.2420



134.7810, 14.7590, 24.3830



133.2830, 42.2240, 16.7200

Sweetspot

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



122.4790, -18.4270, -23.9870



178.1960, -6.7840, -9.2160



133.6690, 10.4570, -18.8150



89.3860, -4.2630, -5.3430



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.



122.4790, -18.4270, -23.9870



153.4740, -29.1990, -38.0230



125.4430, -26.7730, -15.9010



68.3370, -2.5670, -3.0390



82.7790, -47.0760, -60.9640



4.9240, -2.8420, -3.5620

Inverse Universe

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



110.5210, 18.4270, 23.9870



134.5260, 29.1990, 38.0230



107.5570, 26.7730, 15.9010



66.7770, 2.2460, 3.3500



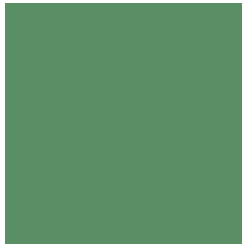
52.3350, 46.7550, 61.2750



3.0760, 2.8420, 3.5620

Previews

White Background



This preview shows how the YIQ color 122.4790, -18.4270, -23.9870 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 122.4790, -18.4270, -23.9870 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 122.4790, -18.4270, -23.9870 Background



This preview shows how black text looks on a background with the YIQ color 122.4790, -18.4270, -23.9870.



This preview shows how white text looks on a background with the YIQ color 122.4790, -18.4270, -23.9870.

-23.9870.

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

122.4790, -18.4270, -23.9870

Protanopia

129.7010, 16.5990, -8.9770

Deuteranopia

131.4940, 21.9160, -0.7080



Tritanopia

126.8920, -26.1790, -4.6350

Trichromacy



Original Color

122.4790, -18.4270, -23.9870

Protanomaly

126.8950, 4.1290, -14.2630

Deuteranomaly

128.0250, 6.8790, -9.0330

Tritanomaly

125.2310, -23.0600, -11.6040

Monochromacy



Original Color

122.4790, -18.4270, -23.9870

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.3100, -7.1050, -8.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.4790, -18.4270, -23.9870 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(90, 143, 102)` looks like.

```
.text, #text, p{  
    color:rgb(90, 143, 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(90, 143, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 143, 102) }
```

Border

The CSS property to change the border of an element to YIQ 122.4790, -18.4270, -23.9870 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(90, 143, 102) }
```


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

```
.border{ border-color:rgb(90, 143, 102) }
```

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

Here you see how a box with a 4 pixel rgb(90, 143, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 143, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 143, 102);  
box-shadow:4px 4px 4px 4px rgb(90, 143,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 122.4790, -18.4270, -23.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 143, 102) }
```

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

```
.background{ background-color: rgb(90, 143,  
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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