

Converting Colors

YIQ(119.4150, -12.3750,
-23.5350)

Have a look what the booklet for
YIQ(119.4150, -12.3750, -23.5350)
contains.

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Color

**YIQ(119.4150, -12.3750,
-23.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8A5D
RGB	93, 138, 93
RGB Percent	36%, 54%, 36%
CMY	0.6354, 0.4587, 0.6353
CMYK	0.33, 0.00, 0.33, 0.46
HSL	120°, 20%, 45%
HSV	120°, 33%, 54%
XYZ	15.5775, 21.2980, 13.6450
YIQ	119.4150, -12.3750, -23.5350

Conversions

Conversions Part 2

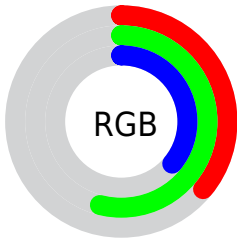
Format	Color
R_{YB}	93, 138, 138
Decimal	6130269
CIE _{Lab}	53.27, -24.97, 19.35
CIE _{LCh}	53, 31.592, 142.222
Yxy	21.2980, 0.3083, 0.4216
Android (android.graphics.Color)	4284320349 (0xFF5D8A5D)
YUV	119.4150, -13.0226, -23.1660
Hunter-Lab	46.1497, -20.5106, 14.7747

Details

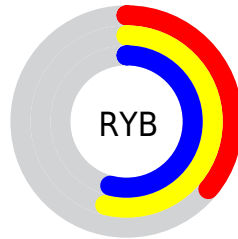
The YIQ color **119.4150, -12.3750, -23.5350** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **111.5850, 12.3750, 23.5350**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.4750, -12.6040, -24.8920**, and **70.0560, -12.7420, -22.3900** is the 20% darker color. If you saturate the color by 10%, you get **113.6330, -16.2250, -30.8570**, and if you desaturate by 10%, it is **125.1970, -8.5250, -16.2130**.

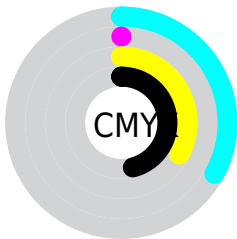
Distribution



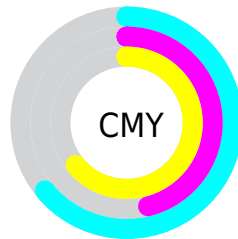
- Red (36%)
- Green (54%)
- Blue (36%)



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



- Cyan (33%)
- Magenta (0%)
- Yellow (33%)
- Black (46%)



- Cyan (64%)
- Magenta (46%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.4150, -12.3750, -23.5350 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 119.4150, -12.3750, -23.5350 by changing the saturation by 10% instead.

■ 119.4150,
-12.3750, -23.5350

■ 119.4150,
-12.3750, -23.5350

■ 255.0000, -0.0000,
-0.0000

■ 93.9420, -12.4210,
-22.7010

■ 172.4750,
-12.6040, -24.8920

■ 70.0560, -12.7420,
-22.3900

■ 199.9480,
-12.5580, -25.7260

■ 46.0990, -14.3010,
-21.6690

■ 227.6490,
-13.1540, -25.9380

■ 24.0670, -11.2750,
-21.4430

■ 243.6210, -6.7830,
-14.7430

■ 11.7400, -5.5000,
-10.4600

■ 254.8860, 0.3210,
-0.3110

■ 0.0000, 0.0000,
0.0000

■ 119.4150,
-12.3750, -23.5350

■ 119.4150,
-12.3750, -23.5350

■ 113.6330,
-16.2250, -30.8570

■ 125.1970, -8.5250,
-16.2130

■ 107.8510,
-20.0750, -38.1790

■ 130.9790, -4.6750,
-8.8910

■ 102.4820,
-23.6500, -44.9780

■ 136.3480, -1.1000,
-2.0920

■ 96.7000, -27.5000,
-52.3000

■ 142.1300, 2.7500,
5.2300

■ 90.9180, -31.3500,
-59.6220

■ 147.9120, 6.6000,
12.5520

■ 85.1360, -35.2000,
-66.9440

■ 153.6940, 10.4500,
19.8740

■ 81.0060, -37.9500,
-72.1740

■ 159.4760, 14.3000,
27.1960

■ 164.8450, 17.8750,

33.9950

■ 170.6270, 21.7250,
41.3170

Harmonies

Analogous

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



123.2240, 13.2080, -19.1120



119.4150, -12.3750, -23.5350



113.0770, -43.5980, -24.8620

Triad

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



119.4150, -12.3750, -23.5350



120.2440, -50.2970, 2.9430



128.9410, 43.1870, 15.7870

Complementary

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



119.4150, -12.3750, -23.5350



111.5850, 12.3750, 23.5350

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.



130.5240, 31.5400, 23.1240



119.4150, -12.3750, -23.5350



128.2590, -19.1220, 16.1580

Square

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



119.4150, -12.3750, -23.5350



104.7570, -83.2590, -16.4350



131.0300, 9.6240, 23.8320



127.7370, 43.2810, 3.0650

Rectangle

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



119.4150, -12.3750, -23.5350



106.2620, -69.0440, -26.2600



131.0300, 9.6240, 23.8320



129.3800, 40.5730, 19.1090

Sweetspot

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



119.4150, -12.3750, -23.5350



171.5660, -4.9500, -9.4140



132.8700, 14.4450, -13.9950



84.8700, -2.7500, -5.2300



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.



119.4150, -12.3750, -23.5350



150.0900, -19.2500, -36.6100



121.9230, -19.4370, -16.6930



66.1090, -1.9250, -3.6610



78.0710, -36.5750, -69.5590



2.9350, -1.3750, -2.6150

Inverse Universe

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



111.5850, 12.3750, 23.5350



137.7960, 19.5710, 36.2990



108.9630, 19.7580, 16.3820



64.8910, 1.9250, 3.6610



54.9290, 36.5750, 69.5590



2.0650, 1.3750, 2.6150

Previews

White Background



This preview shows how the YIQ color 119.4150, -12.3750, -23.5350 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 119.4150, -12.3750, -23.5350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

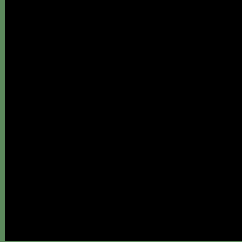
Any Text WCAG AA ✓ Pass

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 119.4150, -12.3750, -23.5350 Background



This preview shows how black text looks on a background with the YIQ color 119.4150, -12.3750, -23.5350.



This preview shows how white text looks on a background with the YIQ color 119.4150, -12.3750, -23.5350.

-23.5350.

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

119.4150, -12.3750, -23.5350

Protanopia

125.5440, 18.4790, -10.0090

Deuteranopia

127.2230, 24.1170, -2.0510



Tritanopia

124.1700, -21.0900, -3.2500

Trichromacy



Original Color

119.4150, -12.3750, -23.5350

Protanomaly

123.3360, 7.2010, -14.8710

Deuteranomaly

124.6510, 10.8680, -9.7400

Tritanomaly

122.3950, -17.6500, -10.5300

Monochromacy



Original Color

119.4150, -12.3750, -23.5350

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.3920, -4.4000, -8.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.4150, -12.3750, -23.5350 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(93, 138, 93)` looks like.

```
.text, #text, p{  
    color:rgb(93, 138, 93)  
}
```

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(93, 138, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 138, 93) }
```

Border

The CSS property to change the border of an element to YIQ 119.4150, -12.3750, -23.5350 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(93, 138, 93) }
```


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

```
.border{ border-color:rgb(93, 138, 93) }
```

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

Here you see how a box with a 4 pixel rgb(93, 138, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 138, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 138, 93);  
box-shadow:4px 4px 4px 4px rgb(93, 138,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 119.4150, -12.3750, -23.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 138, 93) }
```

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

```
.background{ background-color: rgb(93, 138,  
93) }
```

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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