

Converting Colors

YIQ(150.9910, 12.2460,
-23.7060)

Have a look what the booklet for
YIQ(150.9910, 12.2460, -23.7060)
contains.

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Color

**YIQ(150.9910, 12.2460,
-23.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	94A361
RGB	148, 163, 97
RGB Percent	58%, 64%, 38%
CMY	0.4197, 0.3607, 0.6195
CMYK	0.09, 0.00, 0.40, 0.36
HSL	74°, 26%, 51%
HSV	74°, 40%, 64%
XYZ	27.4663, 33.3542, 16.3058
YIQ	150.9910, 12.2460, -23.7060

Conversions

Conversions Part 2

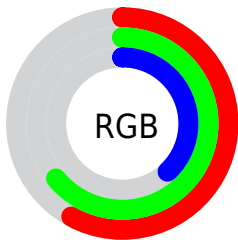
Format	Color
RYB	97, 163, 112
Decimal	9741153
CIELab	64.45, -16.19, 32.49
CIELCh	64, 36.302, 116.482
Yxy	33.3542, 0.3561, 0.4325
Android (android.graphics.Color)	4287931233 (0xFF94A361)
YUV	150.9910, -26.6176, -2.6231
Hunter-Lab	57.7531, -16.1765, 23.6874

Details

The YIQ color $150.9910, 12.2460, -23.7060$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $109.0090, -12.2460, 23.7060$, and the grayscale version is $151.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $205.6490, 13.2090, -24.6390$, and $99.4470, 10.9620, -22.4620$ is the 20% darker color. If you saturate the color by 10%, you get $147.9710, 14.9980, -29.5300$, and if you desaturate by 10%, it is $154.0110, 9.4940, -17.8820$.

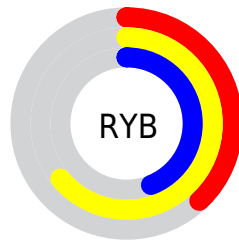
Distribution



Red (58%)

Green (64%)

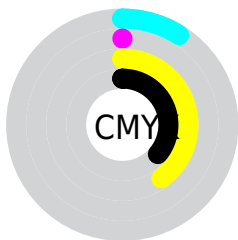
Blue (38%)



Red (38%)

Yellow (64%)

Blue (44%)

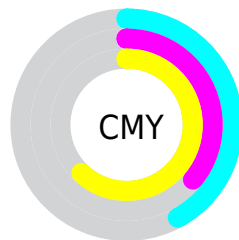


Cyan (9%)

Magenta (0%)

Yellow (40%)

Black (36%)



Cyan (42%)


Magenta (36%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 150.9910, 12.2460, -23.7060 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 150.9910, 12.2460, -23.7060 by changing the saturation by 10% instead.


 150.9910, 12.2460,
-23.7060


 150.9910, 12.2460,
-23.7060


255.0000, -0.0000,
-0.0000


 125.1050, 11.9250,
-23.3950


 205.6490, 13.2090,
-24.6390


 99.4470, 10.9620,
-22.4620

 233.5350, 13.5300,
-24.9500


 75.1480, 10.3660,
-22.6740

 249.0720, 16.6920,
-16.1720

 51.7350, 10.0910,
-23.1970

 252.3780, 7.3830,
-7.1530

 32.1290, 3.3500,
-16.6660

 13.5010, -6.3250,
-12.0290

 0.0000, 0.0000,

0.0000

■ 150.9910, 12.2460,
-23.7060

■ 150.9910, 12.2460,
-23.7060

■ 147.9710, 14.9980,
-29.5300

■ 154.0110, 9.4940,
-17.8820

■ 145.1360, 18.6670,
-35.4530

■ 156.8460, 5.8250,
-11.9590

■ 142.1160, 21.4190,
-41.2770

■ 159.8660, 3.0730,
-6.1350

■ 139.0960, 24.1710,
-47.1010

■ 162.8860, 0.3210,
-0.3110

■ 136.0760, 26.9230,
-52.9250

■ 166.0200, -2.7520,
5.8240

■ 133.3550, 30.2710,
-58.5370

■ 168.7410, -6.1000,
11.4360

■ 171.7610, -8.8520,
17.2600

■ 174.7810,
-11.6040, 23.0840

■ 177.6160,
-15.2730, 29.0070

Harmonies

Analogous

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



154.3040, 36.5900, -13.3460



150.9910, 12.2460, -23.7060



146.2460, -19.3890, -28.5810

Triad

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



150.9910, 12.2460, -23.7060



134.3910, -90.9160, -15.3320



159.5360, 40.4340, 27.1380

Complementary

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



150.9910, 12.2460, -23.7060



109.0090, -12.2460, 23.7060

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.



160.6010, 15.4460, 28.4540



150.9910, 12.2460, -23.7060



150.1990, -54.4240, 6.1520

Square

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



150.9910, 12.2460, -23.7060



122.5270, -106.6390, -33.2550



157.9050, -17.8850, 21.2750



158.2580, 52.5400, 16.9880

Rectangle

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



150.9910, 12.2460, -23.7060



141.7300, -44.2390, -29.7670



157.9050, -17.8850, 21.2750



160.4690, 33.3730, 28.4530

Sweetspot

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



150.9910, 12.2460, -23.7060



207.2420, 4.7700, -9.3580



124.9520, 35.4860, 6.6700



104.3930, 3.0270, -5.3010



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.



150.9910, 12.2460, -23.7060



192.9680, 19.0800, -37.4320



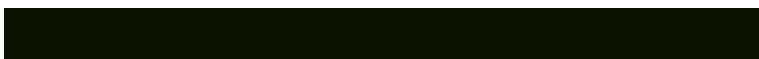
141.4230, -6.8260, -30.4900



80.3760, 1.6970, -3.2230



118.6030, 26.8770, -52.0910



14.7520, 3.3940, -6.4460

Inverse Universe

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



109.0090, -12.2460, 23.7060



127.0320, -19.0800, 37.4320



118.5770, 6.8260, 30.4900



74.6240, -1.6970, 3.2230



26.3970, -26.8770, 52.0910



3.2480, -3.3940, 6.4460

Previews

White Background



This preview shows how the YIQ color 150.9910, 12.2460, -23.7060 looks on a white background.

Color Contrast Check

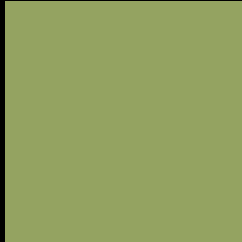
Large Text (above 18pt) WCAG AA × Fail

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 150.9910, 12.2460, -23.7060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

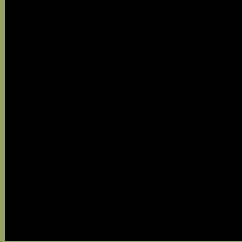
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 150.9910, 12.2460, -23.7060

Background



This preview shows how black text looks on a background with the YIQ color 150.9910, 12.2460, -23.7060.



This preview shows how white text looks on a background with the YIQ color 150.9910, 12.2460,

-23.7060.

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

150.9910, 12.2460, -23.7060

Protanopia

153.4170, 28.8420, -16.1020

Deuteranopia

155.0750, 38.9730, -6.9710



Tritanopia

156.9660, -2.6600, 4.1560

Trichromacy



Original Color

150.9910, 12.2460, -23.7060

Protanomaly

152.9000, 22.9280, -19.0560

Deuteranomaly

153.4110, 28.9790, -13.0770

Tritanomaly

154.9800, 2.7520, -5.8240

Monochromacy



Original Color

150.9910, 12.2460, -23.7060

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.7690, 4.7240, -8.5240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.9910, 12.2460, -23.7060 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(148, 163, 97)` looks like.

```
.text, #text, p{  
    color:rgb(148, 163, 97)  
}
```

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(148, 163, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 163, 97) }
```

Border

The CSS property to change the border of an element to YIQ 150.9910, 12.2460, -23.7060 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(148, 163, 97) }
```


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

```
.border{ border-color:rgb(148, 163, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 163, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 163, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 163, 97);  
box-shadow:4px 4px 4px 4px rgb(148, 163,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 150.9910, 12.2460, -23.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 163, 97) }
```

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

```
.background{ background-color: rgb(148,  
163, 97) }
```

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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