

Converting Colors

YIQ(138.8450, 15.5930,
-23.7910)

Have a look what the booklet for
YIQ(138.8450, 15.5930, -23.7910)
contains.

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Color

**YIQ(138.8450, 15.5930,
-23.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9651
RGB	139, 150, 81
RGB Percent	55%, 59%, 32%
CMY	0.4550, 0.4117, 0.6822
CMYK	0.07, 0.00, 0.46, 0.41
HSL	70°, 30%, 45%
HSV	70°, 46%, 59%
XYZ	23.0379, 27.8961, 11.9606
YIQ	138.8450, 15.5930, -23.7910

Conversions

Conversions Part 2

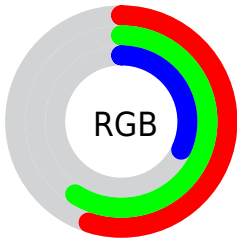
Format	Color
RYB	81, 150, 92
Decimal	9147985
CIELab	59.79, -14.95, 34.90
CIELCh	60, 37.965, 113.195
Yxy	27.8961, 0.3663, 0.4435
Android (android.graphics.Color)	4287338065 (0xFF8B9651)
YUV	138.8450, -28.5176, 0.1359
Hunter-Lab	52.8167, -14.5702, 23.5452

Details

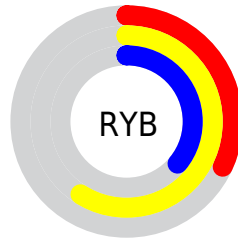
The YIQ color $138.8450, 15.5930, -23.7910$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $92.1550, -15.5930, 23.7910$, and the grayscale version is $139.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $192.8020, 17.1520, -24.5120$, and $87.8880, 14.0340, -23.0700$ is the 20% darker color. If you saturate the color by 10%, you get $136.5370, 19.2160, -28.8800$, and if you desaturate by 10%, it is $141.1530, 11.9700, -18.7020$.

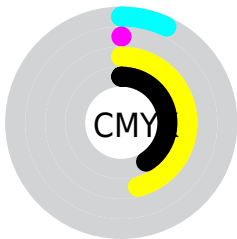
Distribution



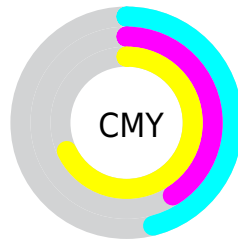
- Red (55%)
- Green (59%)
- Blue (32%)



- Red (32%)
- Yellow (59%)
- Blue (36%)



- Cyan (7%)
- Magenta (0%)
- Yellow (46%)
- Black (41%)



- Cyan (46%)
- Magenta (41%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.8450, 15.5930, -23.7910 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 138.8450, 15.5930, -23.7910 by changing the saturation by 10% instead.


 138.8450, 15.5930,
-23.7910


 138.8450, 15.5930,
-23.7910

255.0000, -0.0000,
-0.0000


 113.0730, 14.9510,
-23.1690


 192.8020, 17.1520,
-24.5120


 87.8880, 14.0340,
-23.0700


 220.5740, 17.7940,
-25.1340


 63.7740, 14.3550,
-23.3810

 245.9380, 19.7650,
-22.3070

 43.0710, 9.2650,
-19.2390

 250.3260, 13.1610,
-12.7510

 23.2690, 0.1400,
-13.5560

 253.5180, 4.1730,
-4.0430

 0.0000, 0.0000,
0.0000

■ 138.8450, 15.5930,
-23.7910

■ 138.8450, 15.5930,
-23.7910

■ 136.5370, 19.2160,
-28.8800

■ 141.1530, 11.9700,
-18.7020

■ 133.9300, 22.2430,
-34.1810

■ 143.7600, 8.9430,
-13.4010

■ 131.6220, 25.8660,
-39.2700

■ 146.0680, 5.3200,
-8.3120

■ 129.0150, 28.8930,
-44.5710

■ 148.6750, 2.2930,
-3.0110

■ 126.7070, 32.5160,
-49.6600

■ 150.9830, -1.3300,
2.0780

■ 125.7240, 33.8460,
-51.7380

■ 153.2910, -4.9530,
7.1670

■ 155.8980, -7.9800,
12.4680

■ 158.2060,

-11.6030, 17.5570

■ 160.8130,
-14.6300, 22.8580

Harmonies

Analogous

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



141.7990, 39.5700, -12.2860



138.8450, 15.5930, -23.7910



133.8010, -16.6380, -28.8780

Triad

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



138.8450, 15.5930, -23.7910



115.2040, -106.6870, -21.3670



147.4050, 39.4250, 28.9050

Complementary

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



138.8450, 15.5930, -23.7910



92.1550, -15.5930, 23.7910

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.



148.4590, 12.9700, 29.2740



138.8450, 15.5930, -23.7910



134.7140, -63.3640, 2.9720

Square

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



138.8450, 15.5930, -23.7910



113.7730, -98.5240, -31.6440



145.0400, -22.6990, 20.4130



145.6110, 53.0440, 18.8680

Rectangle

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



138.8450, 15.5930, -23.7910



128.3880, -43.2760, -30.7000



145.0400, -22.6990, 20.4130



148.0390, 31.7680, 30.0080

Sweetspot

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



138.8450, 15.5930, -23.7910



189.4270, 5.6870, -9.4570



107.5010, 38.3740, 9.3980



94.1650, 3.6690, -5.9230



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



138.8450, 15.5930, -23.7910



176.7190, 24.2150, -36.8810



128.6790, -4.6710, -30.9990



72.9030, 1.6510, -2.3890



115.6900, 31.1860, -47.5820



8.5610, 2.6140, -3.3220

Inverse Universe

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



92.1550, -15.5930, 23.7910



104.2810, -24.2150, 36.8810



102.3210, 4.6710, 30.9990



68.0970, -1.6510, 2.3890



22.3100, -31.1860, 47.5820



1.7380, -2.0180, 3.5340

Previews

White Background



This preview shows how the YIQ color 138.8450, 15.5930, -23.7910 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 138.8450, 15.5930, -23.7910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

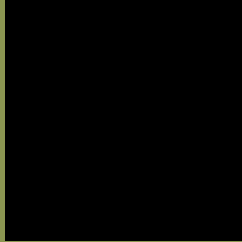
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.8450, 15.5930, -23.7910

Background



This preview shows how black text looks on a background with the YIQ color 138.8450, 15.5930, -23.7910.



This preview shows how white text looks on a background with the YIQ color 138.8450, 15.5930,

-23.7910.

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

138.8450, 15.5930, -23.7910

Protanopia

140.7760, 29.2090, -17.2470

Deuteranopia

142.3200, 39.6610, -8.4270



Tritanopia

144.7490, -0.5510, 4.4810

Trichromacy



Original Color

138.8450, 15.5930, -23.7910

Protanomaly

139.9710, 24.1660, -19.4660

Deuteranomaly

141.2540, 30.8590, -14.1090

Tritanomaly

142.6490, 5.1820, -5.8100

Monochromacy



Original Color

138.8450, 15.5930, -23.7910

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.9540, 5.6410, -8.6230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.8450, 15.5930, -23.7910 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(139, 150, 81)` looks like.

```
.text, #text, p{  
    color:rgb(139, 150, 81)  
}
```

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(139, 150, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 150, 81) }
```

Border

The CSS property to change the border of an element to YIQ 138.8450, 15.5930, -23.7910 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(139, 150, 81) }
```


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

```
.border{ border-color:rgb(139, 150, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 150, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 150, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 150, 81);  
box-shadow:4px 4px 4px 4px rgb(139, 150,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 138.8450, 15.5930, -23.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 150, 81) }
```

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

```
.background{ background-color: rgb(139,  
150, 81) }
```

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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