

Converting Colors

YIQ(138.2440, 19.6240, -3.2240)

Have a look what the booklet for
YIQ(138.2440, 19.6240, -3.2240)
contains.

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Color

**YIQ(138.2440, 19.6240,
-3.2240)**

Conversions

Conversions Part 1

Format	Color
Hex	9B876F
RGB	155, 135, 111
RGB Percent	61%, 53%, 44%
CMY	0.3921, 0.4706, 0.5646
CMYK	0.00, 0.13, 0.28, 0.39
HSL	33°, 18%, 52%
HSV	33°, 28%, 61%
XYZ	25.0526, 25.4432, 18.6366
YIQ	138.2440, 19.6240, -3.2240

Conversions

Conversions Part 2

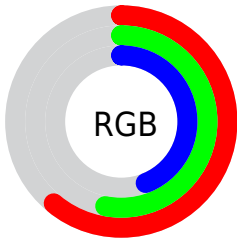
Format	Color
R_{YB}	148, 155, 111
Decimal	10192751
CIE _{Lab}	57.50, 3.75, 15.69
CIE _{LCh}	58, 16.130, 76.546
Yxy	25.4432, 0.3624, 0.3680
Android (android.graphics.Color)	4288382831 (0xFF9B876F)
YUV	138.2440, -13.4313, 14.6950
Hunter-Lab	50.4413, 0.3830, 13.4029

Details

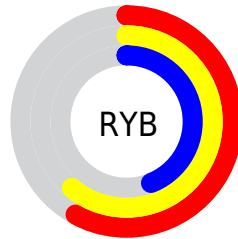
The YIQ color **138.2440, 19.6240, -3.2240** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **127.7560, -19.6240, 3.2240**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.7280, 21.1370, -3.1110**, and **87.8740, 17.7900, -3.0260** is the 20% darker color. If you saturate the color by 10%, you get **132.4250, 26.3640, -4.2280**, and if you desaturate by 10%, it is **144.1770, 12.5630, -1.9090**.

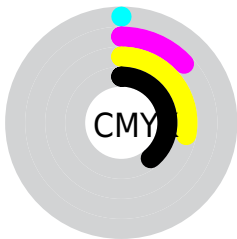
Distribution



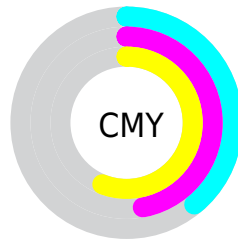
- Red (61%)
- Green (53%)
- Blue (44%)



- Red (58%)
- Yellow (61%)
- Blue (44%)



- Cyan (0%)
- Magenta (13%)
- Yellow (28%)
- Black (39%)



- Cyan (39%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.2440, 19.6240, -3.2240 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 138.2440, 19.6240, -3.2240 by changing the saturation by 10% instead.

■ 138.2440, 19.6240,
-3.2240

■ 138.2440, 19.6240,
-3.2240

■ 255.0000, -0.0000,
-0.0000

■ 113.0590, 18.7070,
-3.1250

■ 191.7280, 21.1370,
-3.1110

■ 87.8740, 17.7900,
-3.0260

■ 219.9130, 22.0540,
-3.2100

■ 64.3900, 16.2770,
-3.1390

■ 244.3250, 14.9020,
-5.7540

■ 42.2050, 15.3600,
-3.0400

■ 253.9740, 2.8890,
-2.7990

■ 21.9060, 14.7640,
-3.2520

■ 0.0000, 0.0000,
0.0000

■ 138.2440, 19.6240,
-3.2240

■ 138.2440, 19.6240,
-3.2240

■ 132.4250, 26.3640,
-4.2280

■ 144.1770, 12.5630,
-1.9090

■ 126.4920, 33.4250,
-5.5430

■ 149.9960, 5.8230,
-0.9050

■ 120.6730, 40.1650,
-6.5470

■ 155.9290, -1.2380,
0.4100

■ 114.7400, 47.2260,
-7.8620

■ 161.7480, -7.9780,
1.4140

■ 108.9210, 53.9660,
-8.8660

■ 167.6810,
-15.0390, 2.7290

■ 102.9880, 61.0270,
-10.1810

■ 173.5000,
-21.7790, 3.7330

■ 97.1690, 67.7670,
-11.1850

■ 179.4330,
-28.8400, 5.0480

■ 95.6530, 69.2800,

■ 185.2520,

-11.0720

-35.5800, 6.0520

■ 191.1850,
-42.6410, 7.3670

Harmonies

Analogous

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



139.6840, 24.4370, 3.1650



138.2440, 19.6240, -3.2240



136.9930, 9.9050, -8.8070

Triad

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



138.2440, 19.6240, -3.2240



132.5450, -26.8200, -9.5400



140.3460, 2.3820, 11.9020

Complementary

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



138.2440, 19.6240, -3.2240



127.7560, -19.6240, 3.2240

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.



138.6970, -11.9680, 7.6480



138.2440, 19.6240, -3.2240



133.6250, -29.8010, -5.0730

Square

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



138.2440, 19.6240, -3.2240



133.5260, -16.6410, -12.2970



135.6630, -23.7960, 1.7400



140.9900, 15.1280, 12.1840

Rectangle

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



138.2440, 19.6240, -3.2240



135.3340, 1.5150, -10.9410



135.6630, -23.7960, 1.7400



139.7800, -1.8360, 11.2520

Sweetspot

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



138.2440, 19.6240, -3.2240



194.2520, 7.9780, -1.4140



126.5500, 19.4830, 15.8590



97.8110, 4.9060, -0.8060



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



138.2440, 19.6240, -3.2240



175.0510, 30.3530, -4.9350



149.6850, 13.5280, -13.8960



73.7400, 3.6680, -0.3960



86.4720, 62.5400, -10.0680



7.9960, 5.8230, -0.9050

Inverse Universe

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



127.7560, -19.6240, 3.2240



158.9490, -30.3530, 4.9350



116.3150, -13.5280, 13.8960



71.6730, -3.3930, 0.9190



53.5280, -62.5400, 10.0680



5.0040, -5.8230, 0.9050

Previews

White Background



This preview shows how the YIQ color 138.2440, 19.6240, -3.2240 looks on a white background.

Color Contrast Check

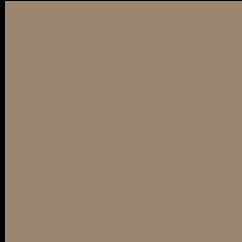
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.2440, 19.6240, -3.2240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

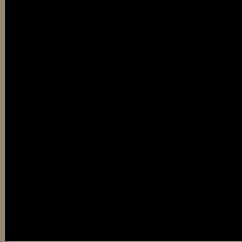
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.2440, 19.6240, -3.2240

Background



This preview shows how black text looks on a background with the YIQ color 138.2440, 19.6240, -3.2240.



This preview shows how white text looks on a background with the YIQ color 138.2440, 19.6240,

-3.2240.

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

138.2440, 19.6240, -3.2240

Protanopia

137.4280, 13.1140, -6.3900

Deuteranopia

138.8640, 23.7500, -0.9060



Tritanopia

140.2130, 12.8820, 8.8340

Trichromacy



Original Color

138.2440, 19.6240, -3.2240

Protanomaly

137.7380, 15.1770, -5.2310

Deuteranomaly

138.8530, 22.2830, -1.8530

Tritanomaly

139.2470, 15.5420, 4.6780

Monochromacy



Original Color

138.2440, 19.6240, -3.2240

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0670, 7.0610, -1.3150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.2440, 19.6240, -3.2240 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(155, 135, 111)` looks like.

```
.text, #text, p{  
    color:rgb(155, 135, 111)  
}
```

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(155, 135, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 135, 111) }
```

Border

The CSS property to change the border of an element to YIQ 138.2440, 19.6240, -3.2240 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(155, 135, 111) }
```


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

```
.border{ border-color:rgb(155, 135, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 135, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 135, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 135, 111);  
box-shadow:4px 4px 4px 4px rgb(155, 135,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 138.2440, 19.6240, -3.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 135, 111) }
```

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

```
.background{ background-color: rgb(155,  
135, 111) }
```

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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