

Converting Colors

YIQ(108.0440, -12.4680,
-16.3400)

Have a look what the booklet for
YIQ(108.0440, -12.4680, -16.3400)
contains.

YIQ(108.0440, -12.4680, -16.3400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(108.0440, -12.4680,
-16.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	567A5E
RGB	86, 122, 94
RGB Percent	34%, 48%, 37%
CMY	0.6628, 0.5215, 0.6314
CMYK	0.30, 0.00, 0.23, 0.52
HSL	133°, 17%, 41%
HSV	133°, 30%, 48%
XYZ	12.8168, 16.7080, 13.1375
YIQ	108.0440, -12.4680, -16.3400

Conversions

Conversions Part 2

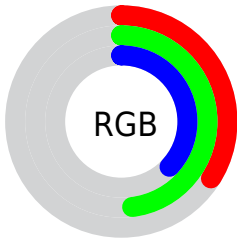
Format	Color
R_{YB}	86, 115, 122
Decimal	5667422
CIE _{Lab}	47.89, -18.99, 11.33
CIE _{LCh}	48, 22.110, 149.183
Y _{xy}	16.7080, 0.3004, 0.3916
Android (android.graphics.Color)	4283857502 (0xFF567A5E)
YUV	108.0440, -6.9237, -19.3326
Hunter-Lab	40.8754, -15.5620, 9.5568

Details

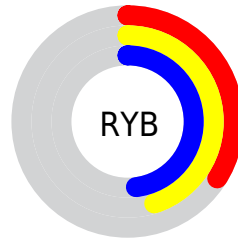
The YIQ color **108.0440, -12.4680, -16.3400** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **99.9560, 12.4680, 16.3400**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1040, -12.6970, -17.6970**, and **59.9840, -12.2390, -14.9830** is the 20% darker color. If you saturate the color by 10%, you get **103.4300, -16.7310, -21.6830**, and if you desaturate by 10%, it is **112.6580, -8.2050, -10.9970**.

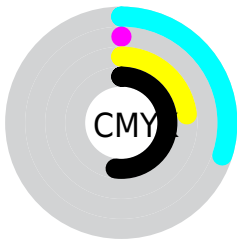
Distribution



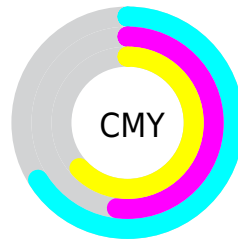
- Red (34%)
- Green (48%)
- Blue (37%)



- Red (34%)
- Yellow (45%)
- Blue (48%)



- Cyan (30%)
- Magenta (0%)
- Yellow (23%)
- Black (52%)



- Cyan (66%)
- Magenta (52%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.0440, -12.4680, -16.3400 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 108.0440, -12.4680, -16.3400 by changing the saturation by 10% instead.

■ 108.0440,
-12.4680, -16.3400

■ 108.0440,
-12.4680, -16.3400

■ 255.0000, -0.0000,
-0.0000

■ 83.4570, -12.1930,
-15.8170

■ 160.1040,
-12.6970, -17.6970

■ 59.9840, -12.2390,
-14.9830

■ 186.8050,
-13.2930, -17.9090

■ 37.2120, -12.8810,
-14.3610

■ 214.6910,
-12.9720, -18.2200

■ 17.6100, -8.2500,
-15.6900

■ 240.9300,
-12.1470, -16.6510

■ 0.0000, 0.0000,
0.0000

■ 252.6080, -4.7680,
-1.6960

■ 108.0440,
-12.4680, -16.3400

■ 108.0440,
-12.4680, -16.3400

■ 103.4300,
-16.7310, -21.6830

■ 112.6580, -8.2050,
-10.9970

■ 98.7020, -20.6730,
-27.3370

■ 117.3860, -4.2630,
-5.3430

■ 93.7890, -25.5320,
-32.8920

■ 122.2990, 0.5960,
0.2120

■ 89.0610, -29.4740,
-38.5460

■ 127.0270, 4.5380,
5.8660

■ 84.4470, -33.7370,
-43.8890

■ 131.6410, 8.8010,
11.2090

■ 79.7190, -37.6790,
-49.5430

■ 136.3690, 12.7430,
16.8630

■ 75.1050, -41.9420,
-54.8860

■ 140.9830, 17.0060,
22.2060

■ 74.6920, -42.2170,

■ 146.0100, 21.5440,

-55.4090

28.0720

■ 150.6240, 25.8070,
33.4150

Harmonies

Analogous

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



110.7920, 5.9170, -13.6270



108.0440, -12.4680, -16.3400



104.9910, -31.3120, -16.2400

Triad

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



108.0440, -12.4680, -16.3400



111.9170, -27.3270, 5.1610



115.0810, 30.8090, 8.8330

Complementary

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



108.0440, -12.4680, -16.3400



99.9560, 12.4680, 16.3400

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.



116.3610, 24.3890, 15.0530



108.0440, -12.4680, -16.3400



115.3110, -7.7050, 12.9910

Square

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



108.0440, -12.4680, -16.3400



106.6930, -41.6760, -4.6200



116.5860, 10.6340, 16.5380



114.0280, 29.1600, 0.1680

Rectangle

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



108.0440, -12.4680, -16.3400



103.7820, -40.8490, -14.1050



116.5860, 10.6340, 16.5380



115.4770, 29.7540, 11.4340

Sweetspot

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



108.0440, -12.4680, -16.3400



152.5600, -4.8130, -6.3890



115.5040, 6.7880, -12.8920



75.5110, -3.1170, -4.0850



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



108.0440, -12.4680, -16.3400



136.6530, -18.9770, -25.0330



110.0960, -18.2460, -10.7420



58.6360, -1.9710, -2.8270



76.5670, -43.3630, -56.6670



154.3080, -87.2760, -114.3800

Inverse Universe

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



99.9560, 12.4680, 16.3400



124.3470, 18.9770, 25.0330



97.9040, 18.2460, 10.7420



57.3640, 1.9710, 2.8270



48.4330, 43.3630, 56.6670



97.6920, 87.2760, 114.3800

Previews

White Background



This preview shows how the YIQ color 108.0440, -12.4680, -16.3400 looks on a white 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

Black Background



This preview shows how the YIQ color 108.0440, -12.4680, -16.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

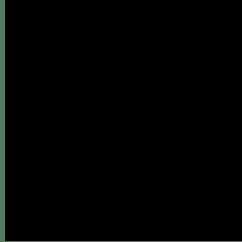
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 108.0440, -12.4680, -16.3400 Background



This preview shows how black text looks on a background with the YIQ color 108.0440, -12.4680, -16.3400.



This preview shows how white text looks on a background with the YIQ color 108.0440, -12.4680, -16.3400.

-16.3400.

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

108.0440, -12.4680, -16.3400

Protanopia

112.4710, 11.5550, -5.6690

Deuteranopia

113.9110, 16.3680, 0.7200



Tritanopia

111.2520, -18.3850, -2.7130

Trichromacy



Original Color

108.0440, -12.4680, -16.3400

Protanomaly

110.7580, 3.2570, -9.4710

Deuteranomaly

111.9480, 5.7780, -5.5980

Tritanomaly

109.8730, -16.0000, -7.3920

Monochromacy



Original Color

108.0440, -12.4680, -16.3400

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

107.9730, -4.5380, -5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.0440, -12.4680, -16.3400 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(86, 122, 94)` looks like.

```
.text, #text, p{  
    color:rgb(86, 122, 94)  
}
```

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(86, 122, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 122, 94) }
```

Border

The CSS property to change the border of an element to YIQ 108.0440, -12.4680, -16.3400 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(86, 122, 94) }
```


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

```
.border{ border-color:rgb(86, 122, 94) }
```

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

Here you see how a box with a 4 pixel rgb(86, 122, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 122, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 122, 94);  
box-shadow:4px 4px 4px 4px rgb(86, 122,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 108.0440, -12.4680, -16.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 122, 94) }
```

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

```
.background{ background-color: rgb(86, 122,  
94) }
```

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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