

Converting Colors

YIQ(62.2740, 1.7440, -9.5840)

Have a look what the booklet for
YIQ(62.2740, 1.7440, -9.5840)
contains.

YIQ(62.2740, 1.7440, -9.5840)	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(62.2740, 1.7440,
-9.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	3A442C
RGB	58, 68, 44
RGB Percent	23%, 27%, 17%
CMY	0.7726, 0.7333, 0.8274
CMYK	0.15, 0.00, 0.35, 0.73
HSL	85°, 21%, 22%
HSV	85°, 35%, 27%
XYZ	4.2665, 5.2159, 3.1654
YIQ	62.2740, 1.7440, -9.5840

Conversions

Conversions Part 2

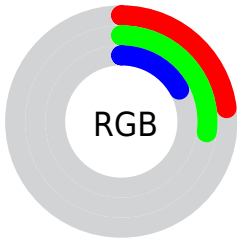
Format	Color
R_{YB}	44, 68, 54
Decimal	3818540
CIE Lab	27.34, -9.12, 13.23
CIE LCh	27, 16.067, 124.577
Yxy	5.2159, 0.3373, 0.4124
Android (android.graphics.Color)	4282008620 (0xFF3A442C)
YUV	62.2740, -9.0091, -3.7483
Hunter-Lab	22.8383, -6.6212, 7.7692

Details

The YIQ color **62.2740, 1.7440, -9.5840** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **49.7260, -1.7440, 9.5840**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **109.7470, 1.7900, -10.4180**, and **19.4590, 2.6610, -9.6830** is the 20% darker color. If you saturate the color by 10%, you get **60.5790, 2.2030, -12.3970**, and if you desaturate by 10%, it is **63.9690, 1.2850, -6.7710**.

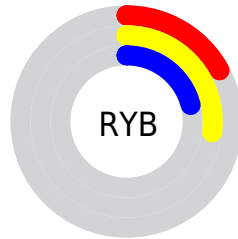
Distribution



Red (23%)

Green (27%)

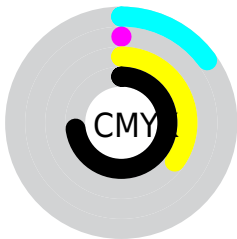
Blue (17%)



Red (17%)

Yellow (27%)

Blue (21%)

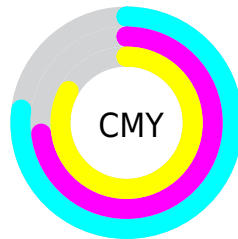


Cyan (15%)

Magenta (0%)

Yellow (35%)

Black (73%)



Cyan (77%)

Magenta (73%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.2740, 1.7440, -9.5840 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 62.2740, 1.7440, -9.5840 by changing the saturation by 10% instead.

62.2740, 1.7440,
-9.5840

62.2740, 1.7440,
-9.5840

255.0000, -0.0000,
-0.0000

40.3880, 1.4230,
-9.2730

109.7470, 1.7900,
-10.4180

19.4590, 2.6610,
-9.6830

135.5190, 2.4320,
-11.0400

0.0000, 0.0000,
0.0000

161.5190, 2.4320,
-11.0400

188.4050, 2.7530,
-11.3510

216.4050, 2.7530,
-11.3510

244.8780, 2.7990,

-12.1850

254.4300, 1.6050,
-1.5550

■ 62.2740, 1.7440,
-9.5840

■ 62.2740, 1.7440,
-9.5840

■ 60.5790, 2.2030,
-12.3970

■ 63.9690, 1.2850,
-6.7710

■ 58.8840, 2.6620,
-15.2100

■ 65.6640, 0.8260,
-3.9580

■ 57.3030, 2.8000,
-17.7120

■ 67.2450, 0.6880,
-1.4560

■ 55.9070, 3.8550,
-20.3130

■ 68.6410, -0.3670,
1.1450

■ 54.2120, 4.3140,
-23.1260

■ 70.3360, -0.8260,
3.9580

■ 52.5170, 4.7730,
-25.9390

■ 72.0310, -1.2850,
6.7710

■ 51.8760, 5.1400,
-27.0840

■ 73.7260, -1.7440,
9.5840

■ 75.3070, -1.8820,
12.0860

■ 77.0020, -2.3410,
14.8990

Harmonies

Analogous

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



63.3570, 11.8760, -5.9800



62.2740, 1.7440, -9.5840



60.4020, -10.3600, -10.4880

Triad

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



62.2740, 1.7440, -9.5840



60.1740, -26.9130, -2.3450



65.7790, 17.1000, 9.4840

Complementary

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



62.2740, 1.7440, -9.5840



49.7260, -1.7440, 9.5840

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.



66.5270, 9.1220, 10.8980



62.2740, 1.7440, -9.5840



63.5500, -16.0480, 4.4960

Square

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



62.2740, 1.7440, -9.5840



57.4460, -30.8550, -7.9990



66.1280, -2.9360, 9.1600



65.5850, 20.4020, 4.7060

Rectangle

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



62.2740, 1.7440, -9.5840



58.9110, -19.1630, -10.6430



66.1280, -2.9360, 9.1600



66.5230, 14.9450, 9.9930

Sweetspot

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



62.2740, 1.7440, -9.5840



86.6640, 0.8260, -3.9580



57.0460, 11.5540, -0.1420



44.4190, 0.1380, -2.5020



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



62.2740, 1.7440, -9.5840



80.2970, 2.9370, -14.6870



58.6860, -5.4080, -12.1280



32.3590, 0.3670, -1.1450



73.6830, 6.7010, -38.8590



170.6570, 16.4760, -89.3800

Inverse Universe

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



49.7260, -1.7440, 9.5840



60.7030, -2.9370, 14.6870



53.3140, 5.4080, 12.1280



30.6410, -0.3670, 1.1450



23.0180, -7.2970, 38.6470



53.6420, -15.8800, 89.5920

Previews

White Background



This preview shows how the YIQ color 62.2740, 1.7440, -9.5840 looks on a white background.

Color Contrast Check

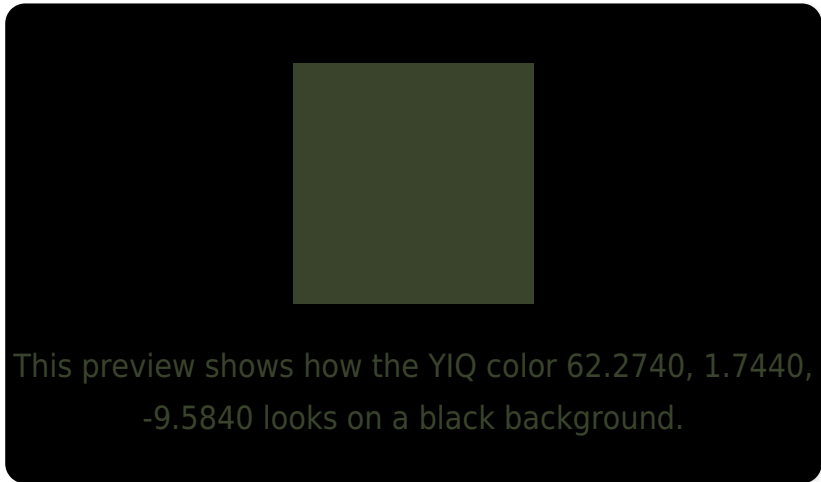
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

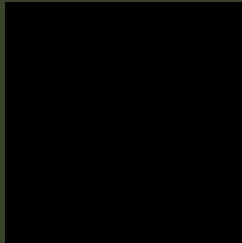
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.2740, 1.7440, -9.5840

Background



This preview shows how black text looks on a background with the YIQ color 62.2740, 1.7440, -9.5840.



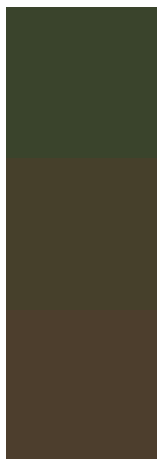
This preview shows how white text looks on a background with the YIQ color 62.2740, 1.7440,

-9.5840.

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

62.2740, 1.7440, -9.5840

Protanopia

63.4000, 10.3170, -5.2590

Deuteranopia

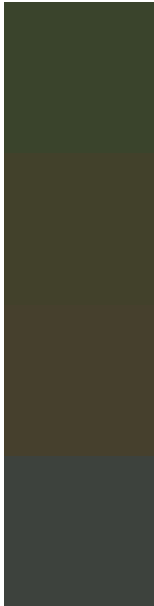
64.5470, 14.3970, -2.1070



Tritanopia

64.6730, -3.3930, 0.9190

Trichromacy



Original Color

62.2740, 1.7440, -9.5840

Protanomaly

62.7910, 7.6580, -6.6300

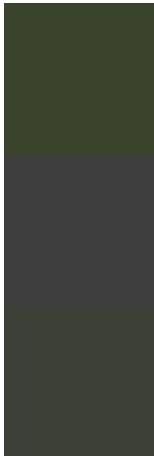
Deuteranomaly

63.6280, 9.6750, -4.6370

Tritanomaly

63.9350, -1.3750, -2.6150

Monochromacy



Original Color

62.2740, 1.7440, -9.5840

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.0770, 1.1010, -3.4350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.2740, 1.7440, -9.5840 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(58, 68, 44)` looks like.

```
.text, #text, p{  
    color:rgb(58, 68, 44)  
}
```

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(58, 68, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 68, 44) }
```

Border

The CSS property to change the border of an element to YIQ 62.2740, 1.7440, -9.5840 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(58, 68, 44) }
```


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

```
.border{ border-color:rgb(58, 68, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 68, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 68, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 68, 44);  
box-shadow:4px 4px 4px 4px rgb(58, 68, 44)  
}
```

Background

The CSS property to change the background color of an element to YIQ 62.2740, 1.7440, -9.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 68, 44) }
```

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

```
.background{ background-color: rgb(58, 68,  
44) }
```

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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