

Converting Colors

YIQ(117.7170, 1.3340, -24.1860)

Have a look what the booklet for
YIQ(117.7170, 1.3340, -24.1860)
contains.

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Color

**YIQ(117.7170, 1.3340,
-24.1860)**

Conversions

Conversions Part 1

Format	Color
Hex	68854B
RGB	104, 133, 75
RGB Percent	41%, 52%, 29%
CMY	0.5923, 0.4784, 0.7058
CMYK	0.22, 0.00, 0.44, 0.48
HSL	90°, 28%, 41%
HSV	90°, 44%, 52%
XYZ	15.3654, 20.2280, 9.7535
YIQ	117.7170, 1.3340, -24.1860

Conversions

Conversions Part 2

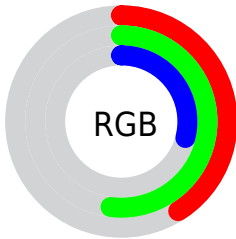
Format	Color
R_{YB}	75, 133, 104
Decimal	6849867
CIE _{Lab}	52.09, -21.13, 27.92
CIE _{LCh}	52, 35.011, 127.123
Yxy	20.2280, 0.3388, 0.4461
Android (android.graphics.Color)	4285039947 (0xFF68854B)
YUV	117.7170, -21.0595, -12.0298
Hunter-Lab	44.9755, -17.7245, 18.6252

Details

The YIQ color **117.7170, 1.3340, -24.1860** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **90.2830, -1.3340, 24.1860**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.0760, 1.7010, -25.3310**, and **68.4720, 0.6460, -22.7300** is the 20% darker color. If you saturate the color by 10%, you get **114.1420, 1.3350, -29.7130**, and if you desaturate by 10%, it is **121.2920, 1.3330, -18.6590**.

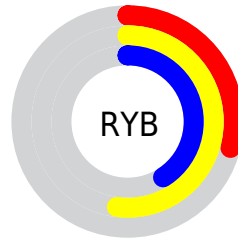
Distribution



Red (41%)

Green (52%)

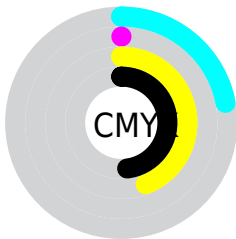
Blue (29%)



Red (29%)

Yellow (52%)

Blue (41%)

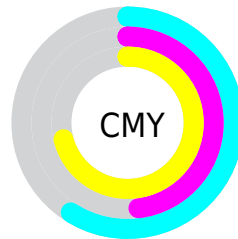


Cyan (22%)

Magenta (0%)

Yellow (44%)

Black (48%)



Cyan (59%)















Magenta (48%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.7170, 1.3340, -24.1860 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 117.7170, 1.3340, -24.1860 by changing the saturation by 10% instead.

 117.7170, 1.3340, -24.1860	 117.7170, 1.3340, -24.1860
 255.0000, -0.0000, -0.0000	 92.9450, 0.6920, -23.5640
 170.0760, 1.7010, -25.3310	 68.4720, 0.6460, -22.7300
 197.5490, 1.7470, -26.1650	 45.3580, 0.9670, -23.0410
 225.4350, 2.0680, -26.4760	 24.9970, -5.0860, -17.9660
 244.9290, 6.7890, -18.4190	 8.2180, -3.8500, -7.3220
 252.6060, 6.7410, -6.5310	 0.0000, 0.0000, 0.0000

■ 117.7170, 1.3340,
-24.1860

■ 117.7170, 1.3340,
-24.1860

■ 114.1420, 1.3350,
-29.7130

■ 121.2920, 1.3330,
-18.6590

■ 110.7520, 2.2530,
-35.3390

■ 124.6820, 0.4150,
-13.0330

■ 107.1770, 2.2540,
-40.8660

■ 128.2570, 0.4140,
-7.5060

■ 103.6020, 2.2550,
-46.3930

■ 131.8320, 0.4130,
-1.9790

■ 100.3260, 2.8520,
-51.7080

■ 135.2220, -0.5050,
3.6470

■ 97.8050, 2.7610,
-55.5670

■ 138.7970, -0.5060,
9.1740

■ 142.3720, -0.5070,
14.7010

■ 145.6480, -1.1040,

20.0160

■ 149.3370, -1.4260,
25.8540

Harmonies

Analogous

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



121.2210, 26.4580, -16.9500



117.7170, 1.3340, -24.1860



111.8410, -31.3100, -27.2940

Triad

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



117.7170, 1.3340, -24.1860



100.8580, -90.7330, -13.1410



126.2710, 42.4980, 22.7700

Complementary

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



117.7170, 1.3340, -24.1860



90.2830, -1.3340, 24.1860

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.



127.8530, 23.4240, 27.0400



117.7170, 1.3340, -24.1860



121.2610, -39.7990, 10.9290

Square

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



117.7170, 1.3340, -24.1860



99.8330, -89.5850, -22.9370



127.4890, -4.9100, 22.9140



124.5300, 48.5980, 11.3340

Rectangle

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



117.7170, 1.3340, -24.1860



103.3350, -62.1200, -30.6000



127.4890, -4.9100, 22.9140



126.5140, 37.5000, 25.2440

Sweetspot

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



117.7170, 1.3340, -24.1860



167.2030, 0.5060, -9.1740



109.3650, 26.5930, -2.8710



83.3110, 0.3220, -5.8380



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



117.7170, 1.3340, -24.1860



149.2850, 2.0700, -37.5300



109.0460, -15.9500, -30.3340



64.4190, 0.1380, -2.5020



95.7450, 2.9900, -54.2100



2.0600, -0.2290, -1.3570

Inverse Universe

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



90.2830, -1.3340, 24.1860



106.7150, -2.0700, 37.5300



98.9540, 15.9500, 30.3340



61.5810, -0.1380, 2.5020



34.2550, -2.9900, 54.2100



0.6410, -0.3670, 1.1450

Previews

White Background



This preview shows how the YIQ color 117.7170, 1.3340, -24.1860 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 117.7170, 1.3340, -24.1860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

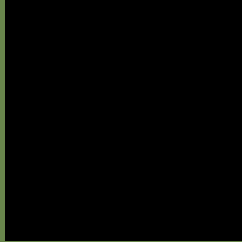
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 117.7170, 1.3340, -24.1860

Background



This preview shows how black text looks on a background with the YIQ color 117.7170, 1.3340, -24.1860.



This preview shows how white text looks on a background with the YIQ color 117.7170, 1.3340, -24.1860.

-24.1860.

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

117.7170, 1.3340, -24.1860

Protanopia

121.6600, 23.8440, -13.6280

Deuteranopia

122.7090, 31.3160, -5.8680



Tritanopia

123.2530, -10.9580, 0.3540

Trichromacy



Original Color

117.7170, 1.3340, -24.1860

Protanomaly

119.9470, 15.5460, -17.4300

Deuteranomaly

120.7460, 20.7260, -12.1860

Tritanomaly

121.6090, -6.5090, -8.6930

Monochromacy



Original Color

117.7170, 1.3340, -24.1860

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.6160, 0.7810, -8.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.7170, 1.3340, -24.1860 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(104, 133, 75)` looks like.

```
.text, #text, p{  
    color:rgb(104, 133, 75)  
}
```

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(104, 133, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 133, 75) }
```

Border

The CSS property to change the border of an element to YIQ 117.7170, 1.3340, -24.1860 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(104, 133, 75) }
```


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

```
.border{ border-color:rgb(104, 133, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 133, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 133, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 133, 75);  
box-shadow:4px 4px 4px 4px rgb(104, 133,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 117.7170, 1.3340, -24.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 133, 75) }
```

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

```
.background{ background-color: rgb(104,  
133, 75) }
```

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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