

Converting Colors

YIQ(117.2070, 30.2140, 3.0940)

Have a look what the booklet for
YIQ(117.2070, 30.2140, 3.0940)
contains.

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Color

**YIQ(117.2070, 30.2140,
3.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	946B59
RGB	148, 107, 89
RGB Percent	58%, 42%, 35%
CMY	0.4195, 0.5804, 0.6508
CMYK	0.00, 0.28, 0.40, 0.42
HSL	18°, 25%, 46%
HSV	18°, 40%, 58%
XYZ	19.2772, 17.5316, 11.8266
YIQ	117.2070, 30.2140, 3.0940

Conversions

Conversions Part 2

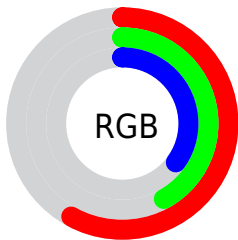
Format	Color
R_YB	148, 115, 89
Decimal	9726809
CIE _{Lab}	48.92, 13.93, 16.51
CIE _{LCh}	49, 21.601, 49.850
Yxy	17.5316, 0.3964, 0.3605
Android (android.graphics.Color)	4287916889 (0xFF946B59)
YUV	117.2070, -13.9061, 27.0055
Hunter-Lab	41.8707, 8.9074, 12.5627

Details

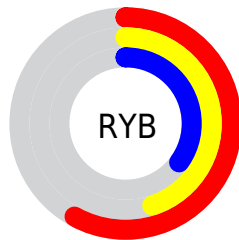
The YIQ color **117.2070, 30.2140, 3.0940** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **119.7930, -30.2140, -3.0940**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8760, 32.6440, 3.1080**, and **67.9400, 26.5920, 2.6560** is the 20% darker color. If you saturate the color by 10%, you get **109.6270, 37.7790, 3.6590**, and if you desaturate by 10%, it is **124.7870, 22.6490, 2.5290**.

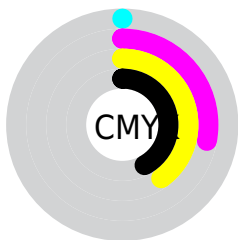
Distribution



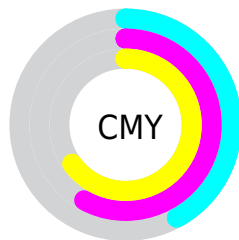
- Red (58%)
- Green (42%)
- Blue (35%)



- Red (58%)
- Yellow (45%)
- Blue (35%)



- Cyan (0%)
- Magenta (28%)
- Yellow (40%)
- Black (42%)





- Cyan (42%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 117.2070, 30.2140, 3.0940 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 117.2070, 30.2140, 3.0940 by changing the saturation by 10% instead.


 117.2070, 30.2140,
3.0940


 117.2070, 30.2140,
3.0940


255.0000, -0.0000,
-0.0000


 92.4240, 28.1050,
2.7690


 169.2890, 32.9190,
3.6310


 68.2390, 27.1880,
2.8680


 196.7730, 34.4320,
3.7440


 45.2710, 24.1620,
2.6420


 223.2780, 31.4520,
2.6840

 24.0320, 23.3370,
1.0730

 243.4930, 14.4890,
-3.7750

 6.2790, 12.5160,
4.4520

 254.3160, 1.9260,
-1.8660

 0.0000, 0.0000,
0.0000

■ 117.2070, 30.2140,
3.0940

■ 117.2070, 30.2140,
3.0940

■ 109.6270, 37.7790,
3.6590

■ 124.7870, 22.6490,
2.5290

■ 101.4600, 45.6190,
4.7470

■ 132.9540, 14.8090,
1.4410

■ 93.9940, 52.8630,
5.6230

■ 140.4200, 7.5650,
0.5650

■ 86.4140, 60.4280,
6.1880

■ 148.0000, -0.0000,
0.0000

■ 78.2470, 68.2680,
7.2760

■ 155.5800, -7.5650,
-0.5650

■ 70.6670, 75.8330,
7.8410

■ 163.7470,
-15.4050, -1.6530

■ 171.3270,
-22.9700, -2.2180

■ 178.7930,

-30.2140, -3.0940

■ 186.9600,
-38.0540, -4.1820

Harmonies

Analogous

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



118.1780, 29.1580, 11.2220



117.2070, 30.2140, 3.0940



115.8160, 23.7050, -5.5990

Triad

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



117.2070, 30.2140, 3.0940



108.8130, -24.9390, -16.0990



116.9080, -13.9400, 10.3480

Complementary

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



117.2070, 30.2140, 3.0940



119.7930, -30.2140, -3.0940

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.



112.8840, -31.7280, 2.3200



117.2070, 30.2140, 3.0940



106.7930, -39.3820, -13.1580

Square

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



117.2070, 30.2140, 3.0940



111.3930, -6.1410, -15.3650



108.0410, -42.7760, -6.7120



118.8350, 5.4990, 15.9870

Rectangle

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



117.2070, 30.2140, 3.0940



114.5760, 15.4530, -10.2350



108.0410, -42.7760, -6.7120



115.9180, -19.9000, 8.2280

Sweetspot

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



117.2070, 30.2140, 3.0940



178.9860, 11.7830, 1.2150



111.3150, 22.0030, 25.2590



89.5340, 7.2440, 0.8760



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.



117.2070, 30.2140, 3.0940



142.9440, 47.1320, 4.8600



134.2300, 22.2390, -12.0730



70.2670, 3.6220, 0.4380



65.9160, 70.6980, 7.2900



4.7510, 5.1350, 0.5510

Inverse Universe

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



119.7930, -30.2140, -3.0940



147.0560, -47.1320, -4.8600



102.7700, -22.2390, 12.0730



70.7330, -3.6220, -0.4380



72.0840, -70.6980, -7.2900



5.2490, -5.1350, -0.5510

Previews

White Background



This preview shows how the YIQ color 117.2070, 30.2140, 3.0940 looks on a white background.

Color Contrast Check

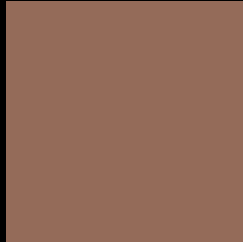
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.2070, 30.2140, 3.0940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

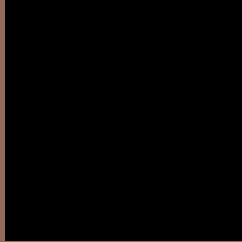
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 117.2070, 30.2140, 3.0940

Background



This preview shows how black text looks on a background with the YIQ color 117.2070, 30.2140, 3.0940.



This preview shows how white text looks on a background with the YIQ color 117.2070, 30.2140,

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

117.2070, 30.2140, 3.0940

Protanopia

115.7700, 12.1510, -5.4570

Deuteranopia

116.7390, 22.6040, -2.1640



Tritanopia

118.6660, 24.8480, 12.2400

Trichromacy



Original Color

117.2070, 30.2140, 3.0940

Protanomaly

116.5860, 18.6610, -2.2910

Deuteranomaly

116.7610, 25.5380, -0.2700

Tritanomaly

118.0420, 26.5450, 9.0170

Monochromacy



Original Color

117.2070, 30.2140, 3.0940

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.8010, 10.8660, 1.3140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.2070, 30.2140, 3.0940 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(148, 107, 89)` looks like.

```
.text, #text, p{  
    color:rgb(148, 107, 89)  
}
```

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(148, 107, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 107, 89) }
```

Border

The CSS property to change the border of an element to YIQ 117.2070, 30.2140, 3.0940 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(148, 107, 89) }
```


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

```
.border{ border-color:rgb(148, 107, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 107, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 107, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 107, 89);  
box-shadow:4px 4px 4px 4px rgb(148, 107,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 117.2070, 30.2140, 3.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 107, 89) }
```

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

```
.background{ background-color: rgb(148,  
107, 89) }
```

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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