

Converting Colors

YIQ(118.2070, 30.2140, 3.0940)

Have a look what the booklet for
YIQ(118.2070, 30.2140, 3.0940)
contains.

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Color

**YIQ(118.2070, 30.2140,
3.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	956C5A
RGB	149, 108, 90
RGB Percent	58%, 42%, 35%
CMY	0.4156, 0.5765, 0.6469
CMYK	0.00, 0.28, 0.40, 0.42
HSL	18°, 25%, 47%
HSV	18°, 40%, 58%
XYZ	19.6061, 17.8519, 12.0929
YIQ	118.2070, 30.2140, 3.0940

Conversions

Conversions Part 2

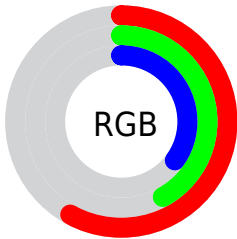
Format	Color
R_{YB}	149, 116, 90
Decimal	9792602
CIE _{Lab}	49.32, 13.90, 16.48
CIE _{LCh}	49, 21.554, 49.859
Yxy	17.8519, 0.3957, 0.3603
Android (android.graphics.Color)	4287982682 (0xFF956C5A)
YUV	118.2070, -13.9061, 27.0055
Hunter-Lab	42.2515, 8.8899, 12.6065

Details

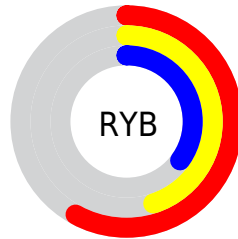
The YIQ color **118.2070, 30.2140, 3.0940** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **120.7930, -30.2140, -3.0940**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.8760, 32.6440, 3.1080**, and **68.9400, 26.5920, 2.6560** is the 20% darker color. If you saturate the color by 10%, you get **110.6270, 37.7790, 3.6590**, and if you desaturate by 10%, it is **125.7870, 22.6490, 2.5290**.

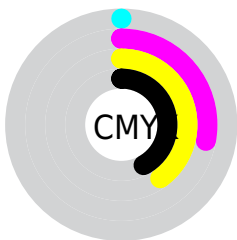
Distribution



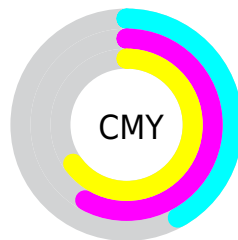
- Red (58%)
- Green (42%)
- Blue (35%)



- 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 118.2070, 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 118.2070, 30.2140, 3.0940 by changing the saturation by 10% instead.


 118.2070, 30.2140,
3.0940


 118.2070, 30.2140,
3.0940


255.0000, -0.0000,
-0.0000


 93.4240, 28.1050,
2.7690


 170.8760, 32.6440,
3.1080


 68.9400, 26.5920,
2.6560


 198.4740, 33.8360,
3.5320


 46.1570, 24.4830,
2.3310

 223.9790, 30.8560,
2.4720

 24.3310, 23.9330,
1.2850

 244.1940, 13.8930,
-3.9870

 6.8770, 13.7080,
4.8760

 254.4300, 1.6050,
-1.5550

 0.0000, 0.0000,
0.0000

■ 118.2070, 30.2140,
3.0940

■ 118.2070, 30.2140,
3.0940

■ 110.6270, 37.7790,
3.6590

■ 125.7870, 22.6490,
2.5290

■ 102.4600, 45.6190,
4.7470

■ 133.9540, 14.8090,
1.4410

■ 94.8800, 53.1840,
5.3120

■ 141.5340, 7.2440,
0.8760

■ 87.3000, 60.7490,
5.8770

■ 149.1140, -0.3210,
0.3110

■ 79.2470, 68.2680,
7.2760

■ 157.2810, -8.1610,
-0.7770

■ 71.6670, 75.8330,
7.8410

■ 164.7470,
-15.4050, -1.6530

■ 70.9660, 76.4290,
8.0530

■ 172.9140,
-23.2450, -2.7410

■ 180.4940,

-30.8100, -3.3060

■ 188.0740,
-38.3750, -3.8710

Harmonies

Analogous

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



119.1780, 29.1580, 11.2220



118.2070, 30.2140, 3.0940



116.8160, 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.



118.2070, 30.2140, 3.0940



109.8130, -24.9390, -16.0990



117.9080, -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.



118.2070, 30.2140, 3.0940



120.7930, -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.



113.8840, -31.7280, 2.3200



118.2070, 30.2140, 3.0940



107.7930, -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.



118.2070, 30.2140, 3.0940



112.3930, -6.1410, -15.3650



109.0410, -42.7760, -6.7120



119.8350, 5.4990, 15.9870

Rectangle

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



118.2070, 30.2140, 3.0940



115.5760, 15.4530, -10.2350



109.0410, -42.7760, -6.7120



116.9180, -19.9000, 8.2280

Sweetspot

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



118.2070, 30.2140, 3.0940



181.9860, 11.7830, 1.2150



112.3150, 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.



118.2070, 30.2140, 3.0940



146.0580, 46.8110, 5.1710



135.2300, 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.



120.7930, -30.2140, -3.0940



150.3550, -46.5360, -4.6480



103.7700, -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 118.2070, 30.2140, 3.0940 looks on a white background.

Color Contrast Check

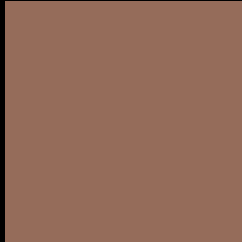
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.2070, 30.2140, 3.0940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

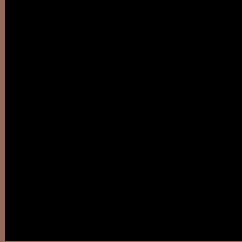
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.2070, 30.2140, 3.0940

Background



This preview shows how black text looks on a background with the YIQ color 118.2070, 30.2140, 3.0940.



This preview shows how white text looks on a background with the YIQ color 118.2070, 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

118.2070, 30.2140, 3.0940

Protanopia

116.7700, 12.1510, -5.4570

Deuteranopia

117.7390, 22.6040, -2.1640



Tritanopia

119.6660, 24.8480, 12.2400

Trichromacy



Original Color

118.2070, 30.2140, 3.0940

Protanomaly

117.5860, 18.6610, -2.2910

Deuteranomaly

117.7610, 25.5380, -0.2700

Tritanomaly

119.0420, 26.5450, 9.0170

Monochromacy



Original Color

118.2070, 30.2140, 3.0940

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.8010, 10.8660, 1.3140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.2070, 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(149, 108, 90)` looks like.

```
.text, #text, p{  
    color:rgb(149, 108, 90)  
}
```

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(149, 108, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 108, 90) }
```

Border

The CSS property to change the border of an element to YIQ 118.2070, 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(149, 108, 90) }
```


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

```
.border{ border-color:rgb(149, 108, 90) }
```

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

Here you see how a box with a 4 pixel rgb(149, 108, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 108, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 108, 90);  
box-shadow:4px 4px 4px 4px rgb(149, 108,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 118.2070, 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(149, 108, 90) }
```

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

```
.background{ background-color: rgb(149,  
108, 90) }
```

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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