

Converting Colors

YIQ(120.0470, 9.8130, -7.1390)

Have a look what the booklet for
YIQ(120.0470, 9.8130, -7.1390)
contains.

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Color

**YIQ(120.0470, 9.8130,
-7.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7A61
RGB	125, 122, 97
RGB Percent	49%, 48%, 38%
CMY	0.5098, 0.5216, 0.6195
CMYK	0.00, 0.02, 0.22, 0.51
HSL	54°, 13%, 44%
HSV	54°, 22%, 49%
XYZ	17.5749, 19.1419, 14.0814
YIQ	120.0470, 9.8130, -7.1390

Conversions

Conversions Part 2

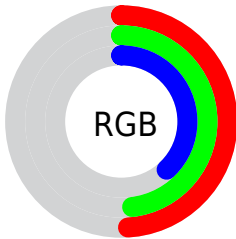
Format	Color
R_{YB}	100, 125, 97
Decimal	8223329
CIE _{Lab}	50.85, -3.31, 14.12
CIE _{LCh}	51, 14.505, 103.173
Yxy	19.1419, 0.3460, 0.3768
Android (android.graphics.Color)	4286413409 (0xFF7D7A61)
YUV	120.0470, -11.3622, 4.3438
Hunter-Lab	43.7515, -4.8620, 11.5436

Details

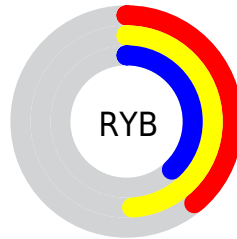
The YIQ color **120.0470, 9.8130, -7.1390** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **101.9530, -9.8130, 7.1390**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.2320, 10.7300, -7.2380**, and **71.2750, 9.1710, -6.5170** is the 20% darker color. If you saturate the color by 10%, you get **118.0920, 13.9400, -10.3480**, and if you desaturate by 10%, it is **122.1160, 5.3650, -3.6190**.

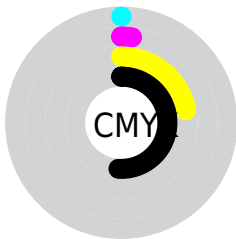
Distribution



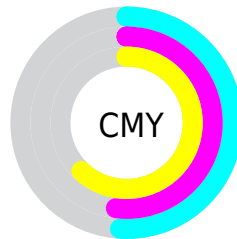
- Red (49%)
- Green (48%)
- Blue (38%)



- Red (39%)
- Yellow (49%)
- Blue (38%)



- Cyan (0%)
- Magenta (2%)
- Yellow (22%)
- Black (51%)



- Cyan (51%)
- Magenta (52%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.0470, 9.8130, -7.1390 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 120.0470, 9.8130, -7.1390 by changing the saturation by 10% instead.


 120.0470, 9.8130,
-7.1390


 120.0470, 9.8130,
-7.1390


255.0000, -0.0000,
-0.0000


 95.1610, 9.4920,
-6.8280

 172.2320, 10.7300,
-7.2380


 71.2750, 9.1710,
-6.5170


 199.7050, 10.7760,
-8.0720


 49.0900, 8.2540,
-6.4180

 228.0040, 11.3720,
-7.8600

 27.7480, 9.2170,
-7.3510

 252.1500, 8.0250,
-7.7750

 3.5220, -1.6500,
-3.1380

 0.0000, 0.0000,
0.0000

■ 120.0470, 9.8130,
-7.1390

■ 120.0470, 9.8130,
-7.1390

■ 118.0920, 13.9400,
-10.3480

■ 122.1160, 5.3650,
-3.6190

■ 115.4360, 18.6630,
-13.3450

■ 124.6580, 0.9630,
-0.9330

■ 113.4810, 22.7900,
-16.5540

■ 126.7270, -3.4850,
2.5870

■ 111.4120, 27.2380,
-20.0740

■ 128.6820, -7.6120,
5.7960

■ 108.8700, 31.6400,
-22.7600

■ 131.3380,
-12.3350, 8.7930

■ 106.8010, 36.0880,
-26.2800

■ 133.2930,
-16.4620, 12.0020

■ 104.8460, 40.2150,
-29.4890

■ 135.3620,
-20.9100, 15.5220

■ 103.1190, 43.7000,

■ 137.9040,

-32.0760

-25.3120, 18.2080

■ 139.9730,
-29.7600, 21.7280

Harmonies

Analogous

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



121.4010, 17.7440, -2.1920



120.0470, 9.8130, -7.1390



118.8930, -1.5570, -10.3330

Triad

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



120.0470, 9.8130, -7.1390



116.8920, -26.1790, -4.6350



123.4950, 12.1480, 11.1240

Complementary

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



120.0470, 9.8130, -7.1390



101.9530, -9.8130, 7.1390

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.



122.8080, 0.9610, 10.1210



120.0470, 9.8130, -7.1390



118.8050, -21.3200, 0.9200

Square

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



120.0470, 9.8130, -7.1390



116.1110, -22.6020, -8.8900



121.0560, -11.6010, 6.5030



122.9210, 19.5760, 8.6640

Rectangle

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



120.0470, 9.8130, -7.1390



117.5870, -9.4430, -10.5870



121.0560, -11.6010, 6.5030



123.2280, 8.5260, 10.6860

Sweetspot

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



120.0470, 9.8130, -7.1390



161.1590, 3.8060, -2.8980



105.7140, 15.7250, 6.8690



80.6150, 2.5220, -1.6540



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



120.0470, 9.8130, -7.1390



155.0490, 15.4990, -11.0690



118.5190, 2.4320, -11.0400



62.6150, 2.5220, -1.6540



105.1900, 44.9380, -32.4860



0.0000, 0.0000, 0.0000

Inverse Universe

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



101.9530, -9.8130, 7.1390



126.9510, -15.4990, 11.0690



103.4810, -2.4320, 11.0400



58.3850, -2.5220, 1.6540



22.8100, -44.9380, 32.4860



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 120.0470, 9.8130, -7.1390 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 120.0470, 9.8130, -7.1390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

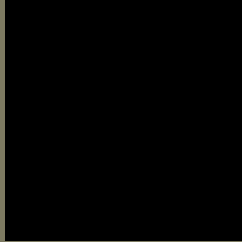
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.0470, 9.8130, -7.1390

Background



This preview shows how black text looks on a background with the YIQ color 120.0470, 9.8130, -7.1390.



This preview shows how white text looks on a background with the YIQ color 120.0470, 9.8130, -7.1390.

-7.1390.

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

120.0470, 9.8130, -7.1390

Protanopia

120.5420, 12.7930, -6.0790

Deuteranopia

121.4230, 20.6780, -0.2980



Tritanopia

122.3150, 3.6670, 5.1310

Trichromacy



Original Color

120.0470, 9.8130, -7.1390

Protanomaly

120.2430, 12.1970, -6.2910

Deuteranomaly

120.8030, 16.5520, -2.6160

Tritanomaly

121.3490, 6.3270, 0.9750

Monochromacy



Original Color

120.0470, 9.8130, -7.1390

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.2730, 3.4850, -2.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.0470, 9.8130, -7.1390 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(125, 122, 97)` looks like.

```
.text, #text, p{  
    color:rgb(125, 122, 97)  
}
```

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(125, 122, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 122, 97) }
```

Border

The CSS property to change the border of an element to YIQ 120.0470, 9.8130, -7.1390 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(125, 122, 97) }
```


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

```
.border{ border-color:rgb(125, 122, 97) }
```

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

Here you see how a box with a 4 pixel rgb(125, 122, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 122, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 122, 97);  
box-shadow:4px 4px 4px 4px rgb(125, 122,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 120.0470, 9.8130, -7.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 122, 97) }
```

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

```
.background{ background-color: rgb(125,  
122, 97) }
```

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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