

Converting Colors

YIQ(120.7050, 46.3070, 3.2910)

Have a look what the booklet for
YIQ(120.7050, 46.3070, 3.2910)
contains.

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Color

**YIQ(120.7050, 46.3070,
3.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	A76A4B
RGB	167, 106, 75
RGB Percent	65%, 42%, 29%
CMY	0.3450, 0.5844, 0.7057
CMYK	0.00, 0.37, 0.55, 0.34
HSL	20°, 38%, 47%
HSV	20°, 55%, 66%
XYZ	22.3663, 19.0305, 9.1605
YIQ	120.7050, 46.3070, 3.2910

Conversions

Conversions Part 2

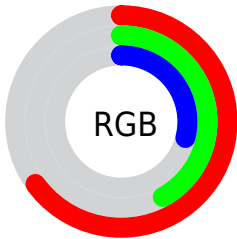
Format	Color
RYB	167, 122, 75
Decimal	10971723
CIELab	50.72, 21.09, 27.40
CIElCh	51, 34.580, 52.416
Yxy	19.0305, 0.4424, 0.3764
Android (android.graphics.Color)	4289161803 (0xFFA76A4B)
YUV	120.7050, -22.5326, 40.6007
Hunter-Lab	43.6239, 15.1764, 18.0865

Details

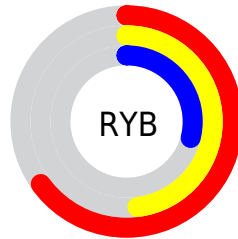
The YIQ color **120.7050, 46.3070, 3.2910** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **121.2950, -46.3070, -3.2910**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.1570, 50.8460, 3.6300**, and **70.9540, 41.1720, 2.7400** is the 20% darker color. If you saturate the color by 10%, you get **112.3100, 54.7890, 3.7570**, and if you desaturate by 10%, it is **129.1000, 37.8250, 2.8250**.

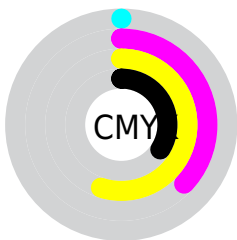
Distribution



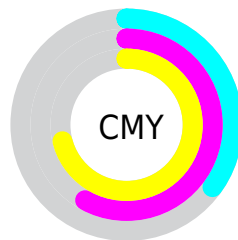
- Red (65%)
- Green (42%)
- Blue (29%)



- Red (65%)
- Yellow (48%)
- Blue (29%)



- Cyan (0%)
- Magenta (37%)
- Yellow (55%)
- Black (34%)




- Cyan (35%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.7050, 46.3070, 3.2910 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 120.7050, 46.3070, 3.2910 by changing the saturation by 10% instead.


 120.7050, 46.3070,
3.2910


 120.7050, 46.3070,
3.2910


255.0000, -0.0000,
-0.0000


 95.0360, 43.8770,
3.2770


 174.1570, 50.8460,
3.6300


 70.9540, 41.1720,
2.7400


 201.9400, 52.9550,
3.9550

 47.3450, 38.5130,
1.3690


 221.4540, 36.5880,
-2.2920

 25.8590, 31.3140,
5.1860

 241.0820, 19.9000,
-8.2280

 10.8780, 21.1350,
7.9430

 252.4920, 7.0620,
-6.8420

 0.0000, 0.0000,
0.0000

■ 120.7050, 46.3070,
3.2910

■ 120.7050, 46.3070,
3.2910

■ 112.3100, 54.7890,
3.7570

■ 129.1000, 37.8250,
2.8250

■ 104.0290, 62.9500,
4.5340

■ 137.3810, 29.6640,
2.0480

■ 95.6340, 71.4320,
5.0000

■ 145.7760, 21.1820,
1.5820

■ 87.2390, 79.9140,
5.4660

■ 154.1710, 12.7000,
1.1160

■ 82.8050, 84.1320,
6.1160

■ 162.5660, 4.2180,
0.6500

■ 171.4340, -4.2180,
-0.6500

■ 179.8290,
-12.7000, -1.1160

■ 188.2240,

-21.1820, -1.5820

■ 196.5050,
-29.3430, -2.3590

Harmonies

Analogous

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



121.8490, 46.4420, 17.3700



120.7050, 46.3070, 3.2910



118.8140, 35.2140, -10.4340

Triad

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



120.7050, 46.3070, 3.2910



103.0650, -52.4920, -28.8760



121.5300, -21.3230, 17.5010

Complementary

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



120.7050, 46.3070, 3.2910



121.2950, -46.3070, -3.2910

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.



111.4110, -58.1370, 1.8550



120.7050, 46.3070, 3.2910



96.0200, -82.9820, -26.9660

Square

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



120.7050, 46.3070, 3.2910



111.5780, -14.3920, -25.5280



97.1090, -90.1820, -17.6220



124.3830, 10.1280, 25.7120

Rectangle

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



120.7050, 46.3070, 3.2910



117.2420, 21.9650, -18.1230



97.1090, -90.1820, -17.6220



119.4360, -32.9220, 12.9500

Sweetspot

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



120.7050, 46.3070, 3.2910



198.1070, 18.7520, 1.5680



109.4620, 35.2510, 38.4750



98.6870, 11.1870, 1.0030



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



120.7050, 46.3070, 3.2910



144.9330, 72.0280, 5.2120



147.7070, 33.6570, -20.7670



80.1530, 3.9430, 0.1270



73.6020, 74.4580, 5.2260



10.0890, 9.9950, 0.5790

Inverse Universe

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



121.2950, -46.3070, -3.2910



146.0670, -72.0280, -5.2120



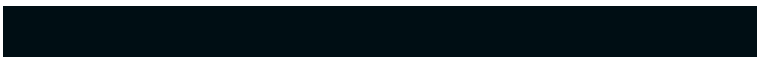
94.2930, -33.6570, 20.7670



79.8470, -3.9430, -0.1270



74.3980, -74.4580, -5.2260



10.4980, -10.2700, -1.1020

Previews

White Background



This preview shows how the YIQ color 120.7050, 46.3070, 3.2910 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 120.7050, 46.3070, 3.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

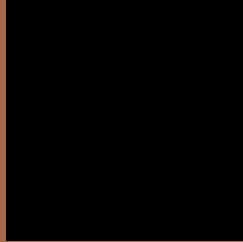
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.7050, 46.3070, 3.2910

Background



This preview shows how black text looks on a background with the YIQ color 120.7050, 46.3070, 3.2910.



This preview shows how white text looks on a background with the YIQ color 120.7050, 46.3070,

3.2910.

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

120.7050, 46.3070, 3.2910

Protanopia

119.4300, 18.8000, -10.3200

Deuteranopia

120.3670, 32.2790, -6.8010



Tritanopia

123.1300, 38.2810, 16.5930

Trichromacy



Original Color

120.7050, 46.3070, 3.2910

Protanomaly

120.1540, 28.5650, -5.5710

Deuteranomaly

120.2260, 37.2300, -2.9140

Tritanomaly

122.0500, 41.2620, 12.1260

Monochromacy



Original Color

120.7050, 46.3070, 3.2910

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.2100, 16.9640, 0.9320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.7050, 46.3070, 3.2910 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(167, 106, 75)` looks like.

```
.text, #text, p{  
    color:rgb(167, 106, 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(167, 106, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 106, 75) }
```

Border

The CSS property to change the border of an element to YIQ 120.7050, 46.3070, 3.2910 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(167, 106, 75) }
```


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

```
.border{ border-color:rgb(167, 106, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 106, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 106, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 106, 75);  
box-shadow:4px 4px 4px 4px rgb(167, 106,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 120.7050, 46.3070, 3.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 106, 75) }
```

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

```
.background{ background-color: rgb(167,  
106, 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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