

Converting Colors

YIQ(116.7170, 46.0330, -2.7590)

Have a look what the booklet for
YIQ(116.7170, 46.0330, -2.7590)
contains.

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Color

**YIQ(116.7170, 46.0330,
-2.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6A3D
RGB	159, 106, 61
RGB Percent	62%, 42%, 24%
CMY	0.3764, 0.5844, 0.7606
CMYK	0.00, 0.33, 0.62, 0.38
HSL	28°, 45%, 43%
HSV	28°, 62%, 62%
XYZ	20.2986, 18.0145, 6.8300
YIQ	116.7170, 46.0330, -2.7590

Conversions

Conversions Part 2

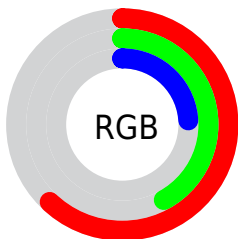
Format	Color
R_{YB}	159, 144, 61
Decimal	10447421
CIE _{Lab}	49.51, 16.48, 33.49
CIE _{LCh}	50, 37.324, 63.796
Yxy	18.0145, 0.4497, 0.3991
Android (android.graphics.Color)	4288637501 (0xFF9F6A3D)
YUV	116.7170, -27.4685, 37.0822
Hunter-Lab	42.4434, 11.0915, 20.1695

Details

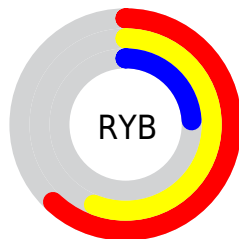
The YIQ color **116.7170, 46.0330, -2.7590** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **103.2830, -46.0330, 2.7590**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.5820, 50.8470, -1.8970**, and **66.8520, 41.2190, -3.6210** is the 20% darker color. If you saturate the color by 10%, you get **109.6100, 53.6440, -3.0280**, and if you desaturate by 10%, it is **123.8240, 38.4220, -2.4900**.

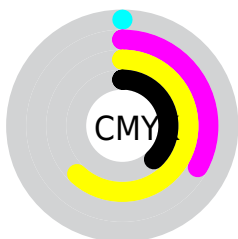
Distribution



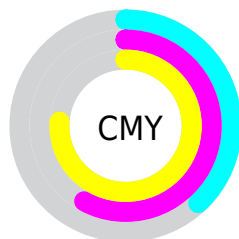
- Red (62%)
- Green (42%)
- Blue (24%)



- Red (62%)
- Yellow (56%)
- Blue (24%)



- Cyan (0%)
- Magenta (33%)
- Yellow (62%)
- Black (38%)



- Cyan (38%)
- Magenta (58%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.7170, 46.0330, -2.7590 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 116.7170, 46.0330, -2.7590 by changing the saturation by 10% instead.

■ 116.7170, 46.0330,
-2.7590

■ 116.7170, 46.0330,
-2.7590

■ 255.0000, -0.0000,
-0.0000

■ 91.6350, 43.3280,
-3.2960

■ 169.5820, 50.8470,
-1.8970

■ 66.8520, 41.2190,
-3.6210

■ 196.9520, 52.6810,
-2.0950

■ 44.4540, 36.5880,
-2.2920

■ 219.1570, 41.6780,
-6.4340

■ 24.6410, 25.9960,
2.4440

■ 238.6710, 25.3110,
-12.6810

■ 8.4860, 16.3670,
6.2470

■ 250.6680, 12.1980,
-11.8180

■ 0.0000, 0.0000,
0.0000

■ 253.9740, 2.8890,

-2.7990

■ 116.7170, 46.0330,
-2.7590

■ 116.7170, 46.0330,
-2.7590

■ 109.6100, 53.6440,
-3.0280

■ 123.8240, 38.4220,
-2.4900

■ 103.0900, 60.9800,
-3.8200

■ 130.3440, 31.0860,
-1.6980

■ 95.9830, 68.5910,
-4.0890

■ 137.4510, 23.4750,
-1.4290

■ 90.3920, 74.6890,
-4.4710

■ 143.9710, 16.1390,
-0.6370

■ 151.0780, 8.5280,
-0.3680

■ 158.0710, 1.2380,
-0.4100

■ 164.5910, -6.0980,
0.3820

■ 171.6980,
-13.7090, 0.6510

■ 178.2180,
-21.0450, 1.4430

Harmonies

Analogous

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



117.6660, 51.2110, 13.5390



116.7170, 46.0330, -2.7590



114.4880, 30.0800, -16.5120

Triad

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



116.7170, 46.0330, -2.7590



92.4520, -75.6910, -32.4510



120.4500, -9.1740, 23.0980

Complementary

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



116.7170, 46.0330, -2.7590



103.2830, -46.0330, 2.7590

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.



112.3030, -48.7850, 8.5830



116.7170, 46.0330, -2.7590



95.3990, -85.3670, -22.2870

Square

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



116.7170, 46.0330, -2.7590



104.9720, -30.3010, -29.0610



94.9720, -91.0540, -12.8300



120.8360, 22.0940, 29.1180

Rectangle

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



116.7170, 46.0330, -2.7590



112.8880, 14.0340, -23.0700



94.9720, -91.0540, -12.8300



118.6980, -21.7360, 19.4800

Sweetspot

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



116.7170, 46.0330, -2.7590



190.3410, 17.9730, -0.8350



96.4580, 41.0740, 37.5700



94.7470, 10.9580, -0.3540



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



116.7170, 46.0330, -2.7590



140.8370, 71.9380, -4.1740



144.8930, 32.8330, -27.8630



75.7400, 3.6680, -0.3960



80.9120, 67.3530, -3.6790



8.5940, 7.0150, -0.4810

Inverse Universe

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



103.2830, -46.0330, 2.7590



119.5760, -71.6630, 4.6970



75.1070, -32.8330, 27.8630



74.2600, -3.6680, 0.3960



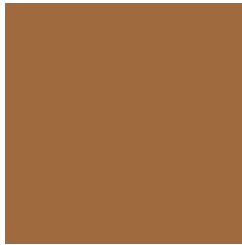
61.5010, -67.0780, 4.2020



6.4060, -7.0150, 0.4810

Previews

White Background



This preview shows how the YIQ color 116.7170, 46.0330, -2.7590 looks on a white background.

Color Contrast Check

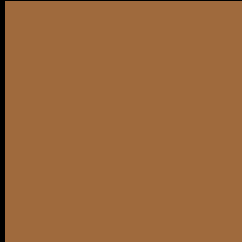
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.7170, 46.0330, -2.7590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

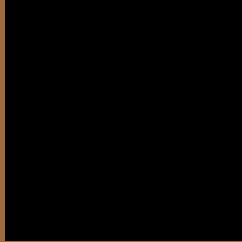
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 116.7170, 46.0330, -2.7590

Background



This preview shows how black text looks on a background with the YIQ color 116.7170, 46.0330, -2.7590.



This preview shows how white text looks on a background with the YIQ color 116.7170, 46.0330,

-2.7590.

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

116.7170, 46.0330, -2.7590

Protanopia

115.5460, 24.1650, -13.9390

Deuteranopia

115.9390, 36.3600, -9.1760



Tritanopia

119.4500, 34.3840, 15.6320

Trichromacy



Original Color

116.7170, 46.0330, -2.7590

Protanomaly

116.3730, 32.1420, -9.8260

Deuteranomaly

116.2600, 39.8900, -7.0700

Tritanomaly

118.3870, 38.6950, 9.0870

Monochromacy



Original Color

116.7170, 46.0330, -2.7590

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.8570, 16.4600, -0.9480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.7170, 46.0330, -2.7590 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(159, 106, 61)` looks like.

```
.text, #text, p{  
    color:rgb(159, 106, 61)  
}
```

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(159, 106, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 106, 61) }
```

Border

The CSS property to change the border of an element to YIQ 116.7170, 46.0330, -2.7590 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(159, 106, 61) }
```


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

```
.border{ border-color:rgb(159, 106, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 106, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 106, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 106, 61);  
box-shadow:4px 4px 4px 4px rgb(159, 106,  
61) }
```

Background

The CSS property to change the background color of an element to YIQ 116.7170, 46.0330, -2.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 106, 61) }
```

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

```
.background{ background-color: rgb(159,  
106, 61) }
```

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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