

Converting Colors

YIQ(106.2590, 41.6310, -0.0730)

Have a look what the booklet for
YIQ(106.2590, 41.6310, -0.0730)
contains.

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Color

**YIQ(106.2590, 41.6310,
-0.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	925F3C
RGB	146, 95, 60
RGB Percent	57%, 37%, 24%
CMY	0.4274, 0.6275, 0.7645
CMYK	0.00, 0.35, 0.59, 0.43
HSL	24°, 42%, 40%
HSV	24°, 59%, 57%
XYZ	16.7658, 14.6206, 6.2202
YIQ	106.2590, 41.6310, -0.0730

Conversions

Conversions Part 2

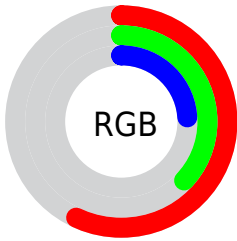
Format	Color
R_{YB}	146, 119, 60
Decimal	9592636
CIE _{Lab}	45.11, 17.01, 28.34
CIE _{LCh}	45, 33.047, 59.027
Yxy	14.6206, 0.4458, 0.3888
Android (android.graphics.Color)	4287782716 (0xFF925F3C)
YUV	106.2590, -22.8057, 34.8529
Hunter-Lab	38.2369, 11.3523, 17.1209

Details

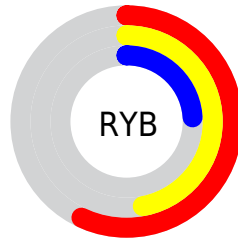
The YIQ color **106.2590, 41.6310, -0.0730** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **99.7410, -41.6310, 0.0730**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.7110, 46.1700, 0.2660**, and **57.5080, 36.4960, -0.6240** is the 20% darker color. If you saturate the color by 10%, you get **99.2660, 48.9210, -0.0310**, and if you desaturate by 10%, it is **113.2520, 34.3410, -0.1150**.

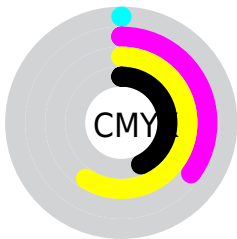
Distribution



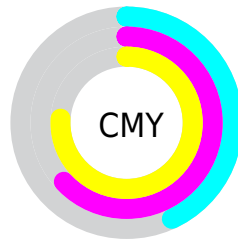
- Red (57%)
- Green (37%)
- Blue (24%)



- Red (57%)
- Yellow (47%)
- Blue (24%)



- Cyan (0%)
- Magenta (35%)
- Yellow (59%)
- Black (43%)





- Cyan (43%)
- Magenta (63%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 106.2590, 41.6310, -0.0730 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 106.2590, 41.6310, -0.0730 by changing the saturation by 10% instead.


 106.2590, 41.6310,
-0.0730


 106.2590, 41.6310,
-0.0730


255.0000, -0.0000,
-0.0000


 81.5900, 39.2010,
-0.0870


 158.7110, 46.1700,
0.2660


 57.5080, 36.4960,
-0.6240

 185.6080, 47.9580,
0.9020


 35.8820, 32.5070,
0.0830

 211.8850, 45.6200,
-0.7800

 14.6070, 23.3360,
6.6000

 231.3990, 29.2530,
-7.0270

 0.0000, 0.0000,
0.0000

 250.4400, 12.8400,
-12.4400

 253.7460, 3.5310,

-3.4210

■ 106.2590, 41.6310,
-0.0730

■ 106.2590, 41.6310,
-0.0730

■ 99.2660, 48.9210,
-0.0310

■ 113.2520, 34.3410,
-0.1150

■ 92.9740, 55.6150,
-0.2010

■ 119.5440, 27.6470,
0.0550

■ 85.9810, 62.9050,
-0.1590

■ 126.5370, 20.3570,
0.0130

■ 79.1020, 69.8740,
0.1940

■ 133.4160, 13.3880,
-0.3400

■ 78.2870, 70.7910,
0.0950

■ 139.8220, 6.3730,
0.1410

■ 146.8150, -0.9170,
0.0990

■ 153.6940, -7.8860,
-0.2540

■ 160.1000,
-14.9010, 0.2270

■ 166.9790,
-21.8700, -0.1260

Harmonies

Analogous

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



107.5450, 44.2420, 13.1860



106.2590, 41.6310, -0.0730



104.4110, 28.9790, -13.0770

Triad

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



106.2590, 41.6310, -0.0730



82.9970, -66.9800, -30.6280



108.6620, -12.8870, 18.8010

Complementary

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



106.2590, 41.6310, -0.0730



99.7410, -41.6310, 0.0730

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.



100.3800, -47.6840, 5.1480



106.2590, 41.6310, -0.0730



85.6020, -75.6930, -21.3970

Square

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



106.2590, 41.6310, -0.0730



96.5820, -20.2150, -24.6230



86.1210, -81.2880, -13.6080



110.1940, 15.0340, 24.9060

Rectangle

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



106.2590, 41.6310, -0.0730



102.8930, 15.6380, -19.0980



86.1210, -81.2880, -13.6080



106.3940, -23.9360, 15.2960

Sweetspot

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



106.2590, 41.6310, -0.0730



173.3840, 16.4140, -0.1140



91.6420, 34.5640, 34.4040



84.6760, 9.7200, 0.0560



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



106.2590, 41.6310, -0.0730



126.7640, 65.0140, 0.1660



130.9130, 30.0810, -22.0390



70.8540, 3.3470, -0.0850



74.1340, 66.8480, -0.0320



5.3380, 4.8600, 0.0280

Inverse Universe

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



99.7410, -41.6310, 0.0730



116.6490, -64.7390, 0.3570



75.0870, -30.0810, 22.0390



70.1460, -3.3470, 0.0850



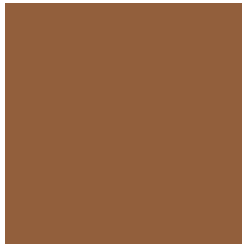
63.8660, -66.8480, 0.0320



4.6620, -4.8600, -0.0280

Previews

White Background



This preview shows how the YIQ color 106.2590, 41.6310, -0.0730 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 106.2590, 41.6310, -0.0730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

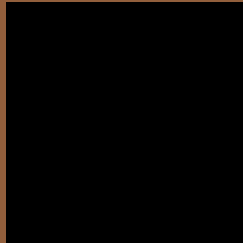
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.2590, 41.6310, -0.0730

Background



This preview shows how black text looks on a background with the YIQ color 106.2590, 41.6310, -0.0730.



This preview shows how white text looks on a background with the YIQ color 106.2590, 41.6310,

-0.0730.

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

106.2590, 41.6310, -0.0730

Protanopia

105.0880, 19.7630, -11.2530

Deuteranopia

105.6550, 31.4080, -7.5360



Tritanopia

108.4390, 32.9170, 14.6850

Trichromacy



Original Color

106.2590, 41.6310, -0.0730

Protanomaly

105.9150, 27.7400, -7.1400

Deuteranomaly

105.5030, 34.8920, -4.5960

Tritanomaly

107.8320, 35.9440, 9.3840

Monochromacy



Original Color

106.2590, 41.6310, -0.0730

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

106.1990, 15.4970, -0.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.2590, 41.6310, -0.0730 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(146, 95, 60)` looks like.

```
.text, #text, p{  
    color:rgb(146, 95, 60)  
}
```

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(146, 95, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 95, 60) }
```

Border

The CSS property to change the border of an element to YIQ 106.2590, 41.6310, -0.0730 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(146, 95, 60) }
```


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

```
.border{ border-color:rgb(146, 95, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 95, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 95, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 95, 60);  
box-shadow:4px 4px 4px 4px rgb(146, 95,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 106.2590, 41.6310, -0.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 95, 60) }
```

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

```
.background{ background-color: rgb(146, 95,  
60) }
```

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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