

Converting Colors

YIQ(12.4700, 13.2960, 1.3280)

Have a look what the booklet for
YIQ(12.4700, 13.2960, 1.3280)
contains.

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Color

**YIQ(12.4700, 13.2960,
1.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	1A0800
RGB	26, 8, 0
RGB Percent	10%, 3%, 0%
CMY	0.8980, 0.9687, 0.9999
CMYK	0.00, 0.69, 1.00, 0.90
HSL	18°, 100%, 5%
HSV	18°, 100%, 10%
XYZ	0.5131, 0.3933, 0.0493
YIQ	12.4700, 13.2960, 1.3280

Conversions

Conversions Part 2

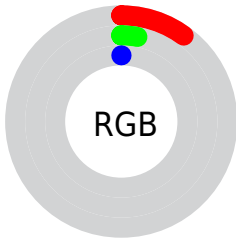
Format	Color
RYB	26, 12, 0
Decimal	1705984
CIELab	3.55, 5.71, 5.42
CIELCh	4, 7.869, 43.527
Yxy	0.3933, 0.5369, 0.4115
Android (android.graphics.Color)	4279896064 (0xFF1A0800)
YUV	12.4700, -6.1477, 11.8658
Hunter-Lab	6.2712, 3.6297, 3.9237

Details

The YIQ color **12.4700, 13.2960, 1.3280** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **13.5300, -13.2960, -1.3280**, and the grayscale version is **13.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **56.9150, 10.5450, 1.6250**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **12.4700, 13.2960, 1.3280**, and if you desaturate by 10%, it is **13.9860, 11.7830, 1.2150**.

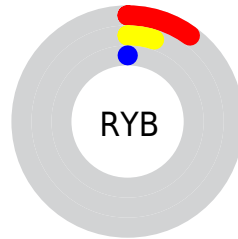
Distribution



Red (10%)

Green (3%)

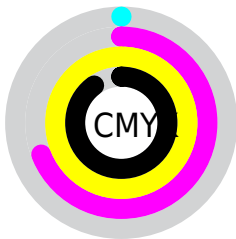
Blue (0%)



Red (10%)

Yellow (5%)

Blue (0%)

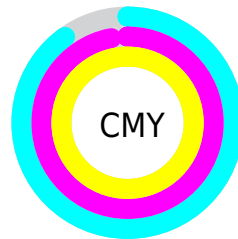


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (90%)



Cyan (90%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 12.4700, 13.2960, 1.3280 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 12.4700, 13.2960, 1.3280 by changing the saturation by 10% instead.

■ 12.4700, 13.2960,
1.3280

■ 12.4700, 13.2960,
1.3280

■ 237.2960, 13.8460,
2.3740

■ 0.0000, 0.0000,
0.0000

■ 56.9150, 10.5450,
1.6250

■ 79.9150, 10.5450,
1.6250

■ 103.5130, 11.7370,
2.0490


■ 128.8120, 12.3330,
2.2610


■ 154.8120, 12.3330,
2.2610


■ 181.9970, 13.2500,


2.1620


 209.2960, 13.8460,
2.3740


 12.4700, 13.2960,
1.3280

 13.9860, 11.7830,
1.2150

 15.3880, 10.5910,
0.7910

 16.3170, 9.3530,
1.2010

 17.7190, 8.1610,
0.7770

 19.2350, 6.6480,
0.6640

■ 20.7510, 5.1350,
0.5510

■ 22.1530, 3.9430,
0.1270

■ 23.0820, 2.7050,
0.5370

■ 24.4840, 1.5130,
0.1130

Harmonies

Analogous

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



12.9090, 10.6820, 4.6500



12.4700, 13.2960, 1.3280



13.0350, 10.0870, -1.0890

Triad

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



12.4700, 13.2960, 1.3280



10.7770, -6.9220, -6.7140



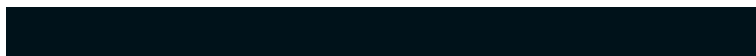
12.5850, -5.9610, 3.4070

Complementary

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



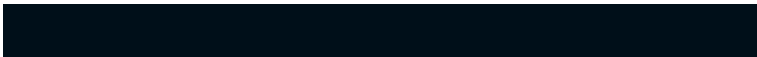
12.4700, 13.2960, 1.3280



13.5300, -13.2960, -1.3280

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.



11.6550, -12.1500, -0.0700



12.4700, 13.2960, 1.3280



11.8030, -9.8110, -3.9150

Square

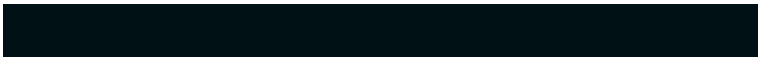
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12.4700, 13.2960, 1.3280



10.8870, -1.4200, -7.3080



12.4870, -11.7370, -2.0490



13.1730, 1.1910, 5.9510

Rectangle

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



12.4700, 13.2960, 1.3280



12.7140, 6.5570, -3.1950



12.4870, -11.7370, -2.0490



11.9760, -8.6200, 2.0360

Sweetspot

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



12.4700, 13.2960, 1.3280



27.7510, 5.1350, 0.5510



9.8260, 9.7180, 11.1100



14.2670, 3.6220, 0.4380



145.0000, 0.0000, -0.0000



18.0000, -0.0000, 0.0000

Same Dimension

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



12.4700, 13.2960, 1.3280



15.7370, 16.9180, 1.7660



20.1010, 9.7210, -5.4710



12.1850, 0.9170, -0.0990



36.5240, 39.5670, 4.2950



97.9770, 104.2590, 10.2990

Inverse Universe

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



13.5300, -13.2960, -1.3280



17.2630, -16.9180, -1.7660



5.8990, -9.7210, 5.4710



11.8150, -0.9170, 0.0990



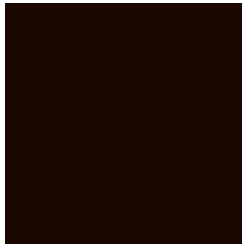
39.8890, -39.2920, -3.7720



106.0230, -104.2590, -10.2990

Previews

White Background



This preview shows how the YIQ color 12.4700, 13.2960, 1.3280 looks on a white background.

Color Contrast Check

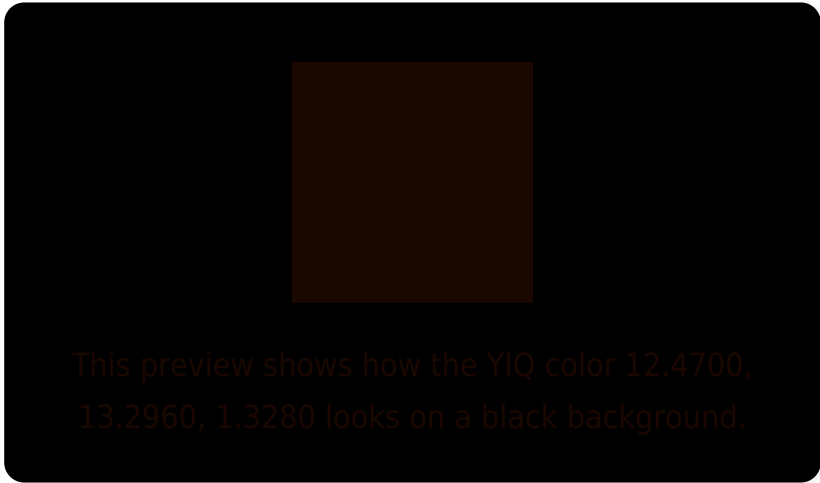
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

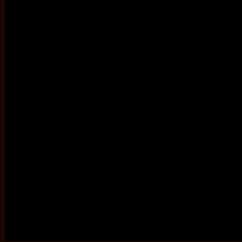
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 12.4700, 13.2960, 1.3280

Background



This preview shows how black text looks on a background with the YIQ color 12.4700, 13.2960, 1.3280.



This preview shows how white text looks on a background with the YIQ color 12.4700, 13.2960,

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

12.4700, 13.2960, 1.3280

Protanopia

13.3440, 4.7230, -2.9970

Deuteranopia

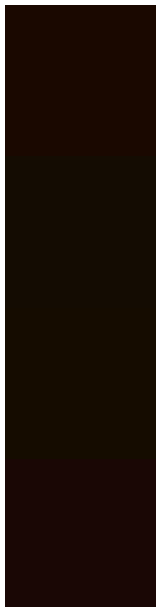
13.6000, 6.8780, -3.5060



Tritanopia

12.7950, 11.0030, 4.3390

Trichromacy



Original Color

12.4700, 13.2960, 1.3280

Protanomaly

13.2520, 7.9780, -1.4140

Deuteranomaly

13.3230, 9.2160, -1.8240

Tritanomaly

12.4530, 11.9660, 3.4060

Monochromacy



Original Color

12.4700, 13.2960, 1.3280

Achromatopsia

12.0000, -0.0000, 0.0000

Achromatomaly

12.4520, 4.5390, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 12.4700, 13.2960, 1.3280 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(26, 8, 0)` looks like.

```
.text, #text, p{  
    color:rgb(26, 8, 0)  
}
```

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(26, 8, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 8, 0) }
```

Border

The CSS property to change the border of an element to YIQ 12.4700, 13.2960, 1.3280 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(26, 8, 0) }
```


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

```
.border{ border-color:rgb(26, 8, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 8, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 8, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(26, 8, 0); box-shadow:4px  
4px 4px 4px rgb(26, 8, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 12.4700, 13.2960, 1.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 8, 0) }
```

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

```
.background{ background-color: rgb(26, 8,  
0) }
```

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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