

Converting Colors

YIQ(17.4490, 0.5940, 11.2660)

Have a look what the booklet for
YIQ(17.4490, 0.5940, 11.2660)
contains.

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Color

**YIQ(17.4490, 0.5940,
11.2660)**

Conversions

Conversions Part 1

Format	Color
Hex	190A24
RGB	25, 10, 36
RGB Percent	10%, 4%, 14%
CMY	0.9019, 0.9608, 0.8588
CMYK	0.31, 0.72, 0.00, 0.86
HSL	275°, 57%, 9%
HSV	275°, 72%, 14%
XYZ	0.8281, 0.5511, 1.7314
YIQ	17.4490, 0.5940, 11.2660

Conversions

Conversions Part 2

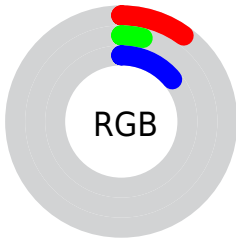
Format	Color
RYB	25, 10, 36
Decimal	1640996
CIELab	4.98, 12.46, -14.12
CIELCh	5, 18.836, 311.424
Yxy	0.5511, 0.2662, 0.1772
Android (android.graphics.Color)	4279831076 (0xFF190A24)
YUV	17.4490, 9.1456, 6.6222
Hunter-Lab	7.4239, 6.9185, -8.6313

Details

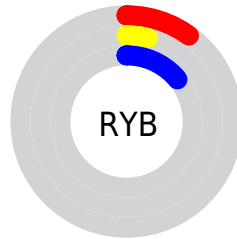
The YIQ color **17.4490, 0.5940, 11.2660** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **28.5510, -0.5940, -11.2660**, and the grayscale version is **17.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **61.2640, -0.3230, 11.3650**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **14.5030, 0.5020, 12.9340**, and if you desaturate by 10%, it is **20.3950, 0.6860, 9.5980**.

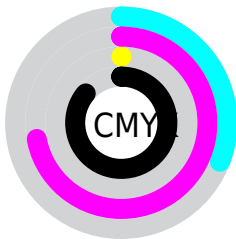
Distribution



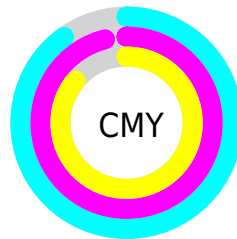
- Red (10%)
- Green (4%)
- Blue (14%)



- Red (10%)
- Yellow (4%)
- Blue (14%)



- Cyan (31%)
- Magenta (72%)
- Yellow (0%)
- Black (86%)



- Cyan (90%)
- Magenta (96%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 17.4490, 0.5940, 11.2660 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 17.4490, 0.5940, 11.2660 by changing the saturation by 10% instead.

■ 17.4490, 0.5940,
11.2660

■ 17.4490, 0.5940,
11.2660

■ 242.0750, 4.5830,
10.5590

■ 2.0690, -4.4480,
3.5200

■ 61.2640, -0.3230,
11.3650

■ 0.0000, 0.0000,
0.0000

■ 84.0900, 0.2270,
12.4110

■ 108.2040, -0.0940,
12.7220

■ 133.6170, 0.1810,
13.2450

■ 160.0300, 0.4560,
13.7680

■ 187.1440, 0.1350,

14.0790

■ 215.1440, 0.1350,
14.0790

■ 17.4490, 0.5940,
11.2660

■ 17.4490, 0.5940,
11.2660

■ 14.5030, 0.5020,
12.9340

■ 20.3950, 0.6860,
9.5980

■ 12.4430, 0.7310,
14.2910

■ 22.4550, 0.4570,
8.2410

■ 10.3830, 0.9600,
15.6480

■ 25.4010, 0.5490,
6.5730

■ 27.4610, 0.3200,
5.2160

■ 30.4070, 0.4120,
3.5480

■ 33.0540, -0.0920,
1.6680

■ 35.4130, 0.2750,
0.5230

■ 38.0600, -0.2290,
-1.3570

■ 40.4190, 0.1380,
-2.5020

Harmonies

Analogous

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



14.4790, -17.2860, 4.9060



17.4490, 0.5940, 11.2660



16.6630, 11.7350, 13.1030

Triad

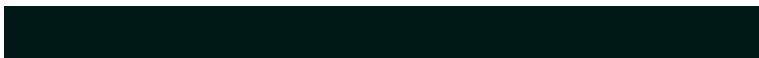
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.4490, 0.5940, 11.2660



16.0140, 14.5800, 0.0840



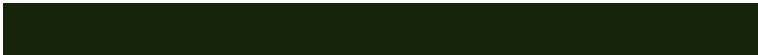
17.1830, -13.9370, -6.2330

Complementary

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



17.4490, 0.5940, 11.2660



28.5510, -0.5940, -11.2660

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.



15.0170, -7.8380, -12.1420



17.4490, 0.5940, 11.2660



15.6490, 5.1820, -5.8100

Square

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



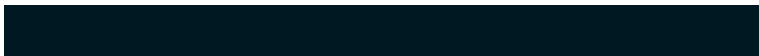
17.4490, 0.5940, 11.2660



14.8840, 20.9980, 4.9180



12.9140, -6.0500, -11.5060



17.8500, -17.1930, -2.2890

Rectangle

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



17.4490, 0.5940, 11.2660



15.6590, 17.5580, 12.1980



12.9140, -6.0500, -11.5060



16.6130, -12.3320, -7.7880

Sweetspot

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



17.4490, 0.5940, 11.2660



38.9340, 0.3660, 4.3820



19.4210, -11.3710, 2.3330



18.5810, -0.1380, 2.5020



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

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



17.4490, 0.5940, 11.2660



17.4370, 0.8680, 17.3160



20.5100, 7.7920, 12.9760



16.5270, -0.0460, 0.8340



23.4010, 1.6900, 35.4660



60.0050, 5.0270, 90.6510

Inverse Universe

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



19.0280, 11.9650, 8.9330



19.8980, 18.3830, 13.7670



25.4900, -7.7920, -12.9760



16.7120, 0.8710, 0.7350



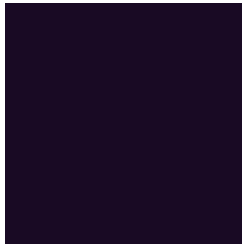
28.3940, 37.9580, 27.9580



72.5230, 96.3160, 71.6760

Previews

White Background



This preview shows how the YIQ color 17.4490, 0.5940, 11.2660 looks on a white background.

Color Contrast Check

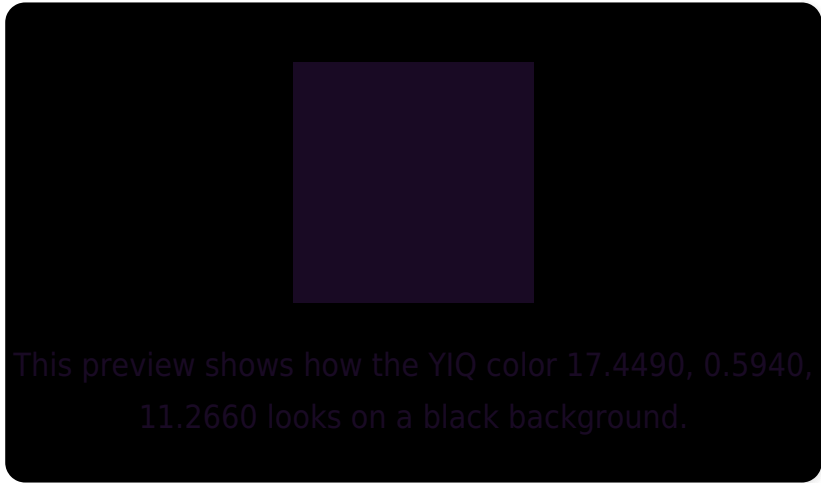
Large Text (above 18pt) WCAG AA ✓ Pass

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

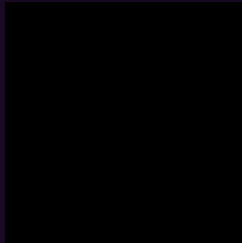
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 17.4490, 0.5940, 11.2660

Background



This preview shows how black text looks on a background with the YIQ color 17.4490, 0.5940, 11.2660.



This preview shows how white text looks on a background with the YIQ color 17.4490, 0.5940,

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

17.4490, 0.5940, 11.2660

Protanopia

14.0830, -16.2310, 2.3050

Deuteranopia

14.2140, -15.2220, 0.5380



Tritanopia

18.0220, 2.9340, 1.8940

Trichromacy



Original Color

17.4490, 0.5940, 11.2660

Protanomaly

15.0130, -10.0420, 5.7820

Deuteranomaly

15.2580, -9.3540, 4.3260

Tritanomaly

17.9450, 1.8330, 5.3290

Monochromacy



Original Color

17.4490, 0.5940, 11.2660

Achromatopsia

17.0000, -0.0000, 0.0000

Achromatomaly

16.9340, 0.3660, 4.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 17.4490, 0.5940, 11.2660 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(25, 10, 36)` looks like.

```
.text, #text, p{  
    color:rgb(25, 10, 36)  
}
```

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(25, 10, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 10, 36) }
```

Border

The CSS property to change the border of an element to YIQ 17.4490, 0.5940, 11.2660 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(25, 10, 36) }
```


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

```
.border{ border-color:rgb(25, 10, 36) }
```

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

Here you see how a box with a 4 pixel rgb(25, 10, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 10, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 10, 36);  
box-shadow:4px 4px 4px 4px rgb(25, 10, 36)  
}
```

Background

The CSS property to change the background color of an element to YIQ 17.4490, 0.5940, 11.2660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 10, 36) }
```

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

```
.background{ background-color: rgb(25, 10,  
36) }
```

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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