

Converting Colors

YIQ(18.8490, -14.3110, 33.6010)

Have a look what the booklet for
YIQ(18.8490, -14.3110, 33.6010)
contains.

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Color

**YIQ(18.8490, -14.3110,
33.6010)**

Conversions

Conversions Part 1

Format	Color
Hex	1A015C
RGB	26, 1, 92
RGB Percent	10%, 0%, 36%
CMY	0.8979, 0.9961, 0.6393
CMYK	0.72, 0.99, 0.00, 0.64
HSL	257°, 98%, 18%
HSV	257°, 99%, 36%
XYZ	2.3678, 1.0136, 10.1886
YIQ	18.8490, -14.3110, 33.6010

Conversions

Conversions Part 2

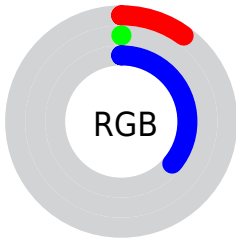
Format	Color
R_{YB}	26, 1, 92
Decimal	1704284
CIE Lab	9.10, 37.82, -47.52
CIE LCh	9, 60.730, 308.519
Yxy	1.0136, 0.1745, 0.0747
Android (android.graphics.Color)	4279894364 (0xFF1A015C)
YUV	18.8490, 36.0634, 6.2714
Hunter-Lab	10.0679, 24.3622, -52.9534

Details

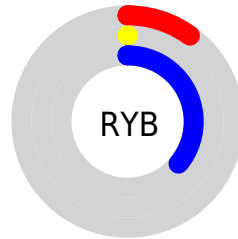
The YIQ color **18.8490, -14.3110, 33.6010** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **74.1510, 14.3110, -33.6010**, and the grayscale version is **19.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **68.9960, -10.2310, 36.7530**, and **6.8910, -15.2700, 12.4260** is the 20% darker color. If you saturate the color by 10%, you get **17.9630, -14.6320, 33.9120**, and if you desaturate by 10%, it is **26.2250, -12.6140, 30.3780**.

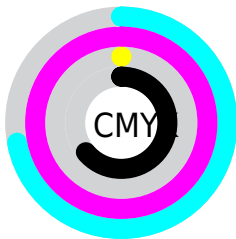
Distribution



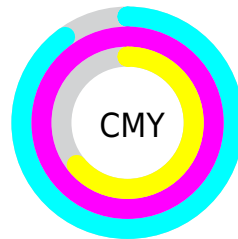
- Red (10%)
- Green (0%)
- Blue (36%)



- Red (10%)
- Yellow (0%)
- Blue (36%)



- Cyan (72%)
- Magenta (99%)
- Yellow (0%)
- Black (64%)



- Cyan (90%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 18.8490, -14.3110, 33.6010 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 18.8490, -14.3110, 33.6010 by changing the saturation by 10% instead.

■ 18.8490, -14.3110,
33.6010

■ 18.8490, -14.3110,
33.6010

■ 240.3250, 6.8750,
13.0750

■ 7.7520, -21.8280,
21.1480

■ 68.9960, -10.2310,
36.7530

■ 6.7770, -14.9490,
12.1150

■ 93.6480, -9.1310,
38.8450

■ 3.2090, -7.6580,
6.6300

■ 119.5880, -8.9020,
40.2020

■ 0.0000, 0.0000,
0.0000


■ 145.8270, -8.0770,
41.7710


■ 173.3540, -8.1230,
42.6050


■ 197.2870, 2.0110,


35.1550


 222.3940, 11.5950,
26.6590


 18.8490, -14.3110,
33.6010


 18.8490, -14.3110,
33.6010


 17.9630, -14.6320,
33.9120

 26.2250, -12.6140,
30.3780

 33.3020, -11.5130,
26.9430

 41.2650, -10.0910,
23.1970

 48.6410, -8.3940,
19.9740

 55.7180, -7.2930,
16.5390

■ 63.0940, -5.5960,
13.3160

■ 70.4700, -3.8990,
10.0930

■ 78.1340, -3.0730,
6.1350

■ 85.5100, -1.3760,
2.9120

Harmonies

Analogous

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



30.7370, -43.8350, 17.9970



18.8490, -14.3110, 33.6010



29.8200, 28.1910, 34.2630

Triad

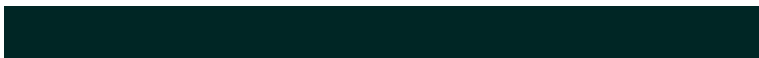
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.8490, -14.3110, 33.6010



22.0270, 30.9010, 7.1650



26.5240, -22.3270, -8.3670

Complementary

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



18.8490, -14.3110, 33.6010



74.1510, 14.3110, -33.6010

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.



22.3060, -10.4500, -19.8740



18.8490, -14.3110, 33.6010



23.3130, 6.0080, -9.7680

Square

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



18.8490, -14.3110, 33.6010



23.6210, 47.0840, 16.7480



21.7190, -10.1750, -19.3510



32.8450, -35.9920, 2.5040

Rectangle

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



18.8490, -14.3110, 33.6010



29.7320, 42.8180, 27.9860



21.7190, -10.1750, -19.3510



24.9280, -17.8330, -12.7210

Sweetspot

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



18.8490, -14.3110, 33.6010



91.0940, -5.5960, 13.3160



50.7030, -47.6360, -6.7400



43.3020, -3.4860, 8.1140



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



18.8490, -14.3110, 33.6010



23.5470, -18.8520, 44.3160



32.3040, 12.5090, 43.1410



42.1680, -0.4130, 1.9790



21.5100, -17.4300, 40.5700



46.4530, -37.3370, 87.4870

Inverse Universe

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



35.7330, 33.0500, 39.8180



45.7980, 43.5930, 52.4970



60.6960, -12.5090, -43.1410



42.9510, 1.6960, 2.3040



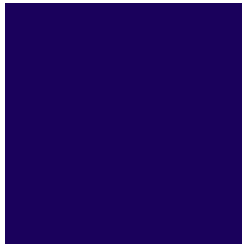
41.8960, 40.2010, 47.8890



90.4710, 86.0400, 103.7360

Previews

White Background



This preview shows how the YIQ color 18.8490, -14.3110, 33.6010 looks on a white background.

Color Contrast Check

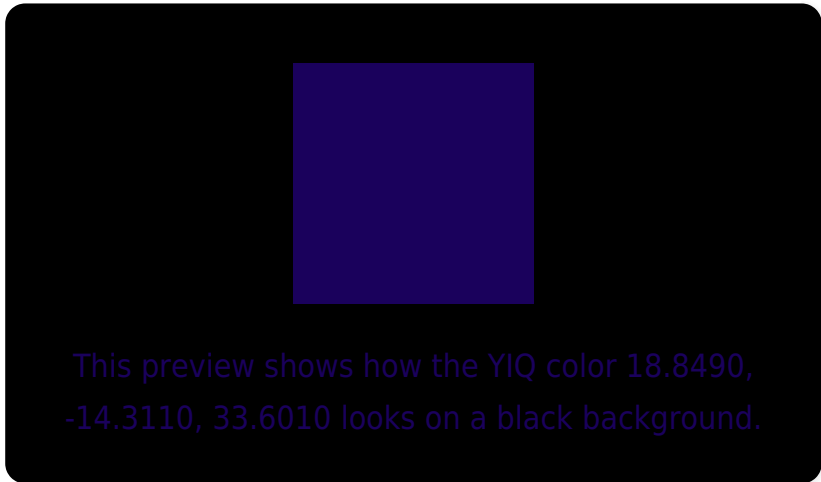
Large Text (above 18pt) WCAG AA ✓ Pass

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

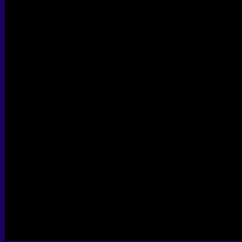
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 18.8490, -14.3110, 33.6010

Background



This preview shows how black text looks on a background with the YIQ color 18.8490, -14.3110, 33.6010.



This preview shows how white text looks on a background with the YIQ color 18.8490, -14.3110,

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

18.8490, -14.3110, 33.6010

Protanopia

23.9770, -27.5560, 3.8040

Deuteranopia

24.1250, -25.2170, -0.0410



Tritanopia

23.3610, -20.3100, -6.3740

Trichromacy



Original Color

18.8490, -14.3110, 33.6010

Protanomaly

22.0520, -22.9730, 14.3630

Deuteranomaly

22.0690, -21.6430, 12.2850

Tritanomaly

21.4020, -18.3870, 8.3410

Monochromacy



Original Color

18.8490, -14.3110, 33.6010

Achromatopsia

19.0000, -0.0000, -0.0000

Achromatomaly

18.8660, -4.9540, 12.6940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 18.8490, -14.3110, 33.6010 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, 1, 92)` looks like.

```
.text, #text, p{  
    color:rgb(26, 1, 92)  
}
```

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, 1, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 1, 92) }
```

Border

The CSS property to change the border of an element to YIQ 18.8490, -14.3110, 33.6010 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, 1, 92) }
```


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

```
.border{ border-color:rgb(26, 1, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 1, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 1, 92); -webkit-box-shadow:4px  
4px 4px 4px rgb(26, 1, 92); box-shadow:4px  
4px 4px 4px rgb(26, 1, 92) }
```

Background

The CSS property to change the background color of an element to YIQ 18.8490, -14.3110, 33.6010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 1, 92) }
```

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

```
.background{ background-color: rgb(26, 1,  
92) }
```

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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