

Converting Colors

YIQ(11.1700, -19.9490, 25.6430)

Have a look what the booklet for
YIQ(11.1700, -19.9490, 25.6430)
contains.

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Color

**YIQ(11.1700, -19.9490,
25.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	08004D
RGB	8, 0, 77
RGB Percent	3%, 0%, 30%
CMY	0.9685, 1.0000, 0.6982
CMYK	0.90, 1.00, 0.00, 0.70
HSL	246°, 100%, 15%
HSV	246°, 100%, 30%
XYZ	1.4387, 0.5871, 7.0521
YIQ	11.1700, -19.9490, 25.6430

Conversions

Conversions Part 2

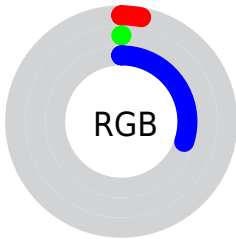
Format	Color
R_{YB}	8, 0, 77
Decimal	524365
CIE _{Lab}	5.30, 31.86, -43.59
CIE _{LCh}	5, 53.992, 306.164
Yxy	0.5871, 0.1585, 0.0647
Android (android.graphics.Color)	4278714445 (0xFF08004D)
YUV	11.1700, 32.4542, -2.7801
Hunter-Lab	7.6620, 20.1079, -49.2075

Details

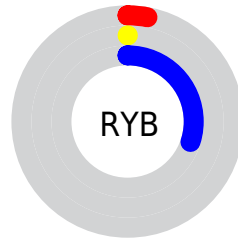
The YIQ color **11.1700, -19.9490, 25.6430** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **65.8300, 19.9490, -25.6430**, and the grayscale version is **11.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **60.3390, -12.9350, 30.6890**, and **4.7080, -10.5010, 8.5950** is the 20% darker color. If you saturate the color by 10%, you get **11.1700, -19.9490, 25.6430**, and if you desaturate by 10%, it is **17.9590, -17.9770, 22.9430**.

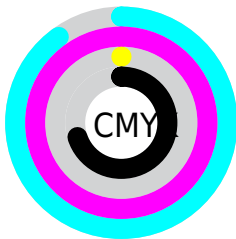
Distribution



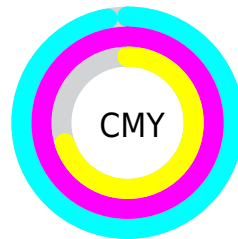
- Red (3%)
- Green (0%)
- Blue (30%)



- Red (3%)
- Yellow (0%)
- Blue (30%)



- Cyan (90%)
- Magenta (100%)
- Yellow (0%)
- Black (70%)



- Cyan (97%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 11.1700, -19.9490, 25.6430 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 11.1700, -19.9490, 25.6430 by changing the saturation by 10% instead.

■ 11.1700, -19.9490,
25.6430

■ 11.1700, -19.9490,
25.6430

■ 236.8030, 8.5250,
16.2130

■ 6.1560, -17.3340,
16.7940

■ 60.3390, -12.9350,
30.6890

■ 4.7080, -10.5010,
8.5950

■ 84.5780, -12.1100,
32.2580

■ 0.2280, -0.6420,
0.6220

■ 109.9310,
-11.6060, 34.1380

■ 0.0000, 0.0000,
0.0000

■ 135.7570,
-11.0560, 35.1840

■ 162.6970,
-10.8270, 36.5410

■ 188.3830, -7.0670,

34.4770

■ 213.4900, 2.5170,
25.9810

■ 11.1700, -19.9490,
25.6430

■ 17.9590, -17.9770,
22.9430

■ 24.1610, -15.7300,
20.7660

■ 30.9500, -13.7580,
18.0660

■ 37.7390, -11.7860,
15.3660

■ 43.6420, -10.1350,
12.9770

■ 50.4310, -8.1630,
10.2770

■ 57.2200, -6.1910,
7.5770

■ 64.0090, -4.2190,
4.8770

■ 70.2110, -1.9720,
2.7000

Harmonies

Analogous

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



23.8750, -35.5360, 16.2720



11.1700, -19.9490, 25.6430



23.5970, 21.2690, 27.5490

Triad

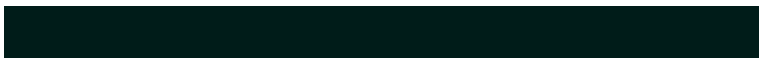
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.1700, -19.9490, 25.6430



14.3410, 27.1410, 9.2290



19.2860, -15.7250, -6.8690

Complementary

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



11.1700, -19.9490, 25.6430



65.8300, 19.9490, -25.6430

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.



15.8490, -7.4250, -14.1210



11.1700, -19.9490, 25.6430



15.9260, 2.8440, -7.4920

Square

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



11.1700, -19.9490, 25.6430



19.4350, 38.7400, 13.7800



15.8490, -7.4250, -14.1210



24.4500, -27.5100, 2.9700

Rectangle

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



11.1700, -19.9490, 25.6430



24.0790, 34.2910, 22.8270



15.8490, -7.4250, -14.1210



16.9890, -10.6350, -11.0110

Sweetspot

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



11.1700, -19.9490, 25.6430



74.2030, -7.5210, 9.6550



49.2810, -43.6920, -12.1400



35.6500, -4.5860, 6.0220



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



11.1700, -19.9490, 25.6430



14.2760, -25.8190, 32.9090



22.5320, 2.6990, 33.6990



34.7550, -0.6880, 1.4560



14.9170, -26.1860, 34.0540



33.3960, -59.5260, 76.6180

Inverse Universe

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



30.8890, 23.7430, 37.7830



39.7470, 30.4350, 48.6670



54.4680, -2.6990, -33.6990



35.6520, 1.1000, 2.0920



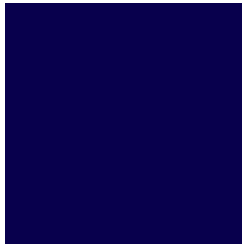
40.8720, 31.5810, 49.9250



92.2540, 70.9540, 112.8260

Previews

White Background



This preview shows how the YIQ color 11.1700, -19.9490, 25.6430 looks on a white background.

Color Contrast Check

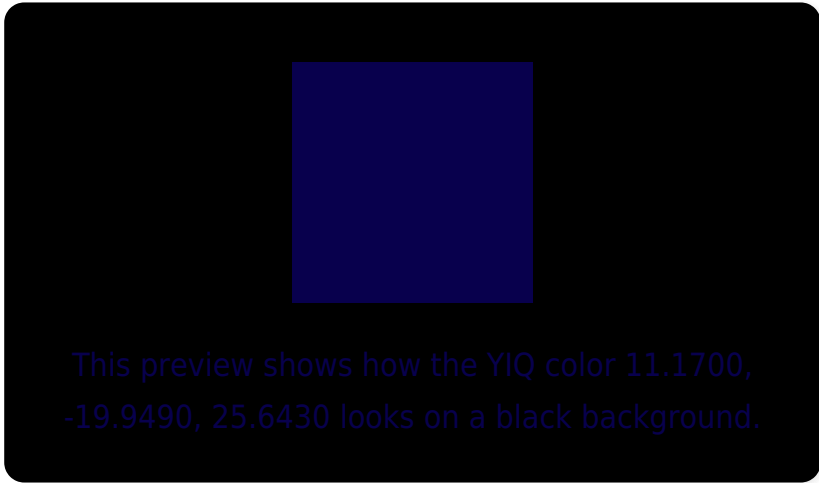
Large Text (above 18pt) WCAG AA ✓ Pass

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

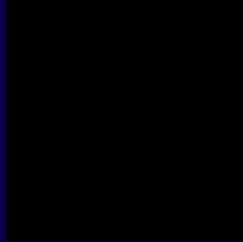
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 11.1700, -19.9490, 25.6430

Background



This preview shows how black text looks on a background with the YIQ color 11.1700, -19.9490, 25.6430.



This preview shows how white text looks on a background with the YIQ color 11.1700, -19.9490,

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

11.1700, -19.9490, 25.6430

Protanopia

18.9730, -21.7330, 2.8990

Deuteranopia

18.6480, -19.4400, -0.1120



Tritanopia

18.3400, -15.8170, -5.2010

Trichromacy



Original Color

11.1700, -19.9490, 25.6430

Protanomaly

16.4280, -21.2760, 11.1400

Deuteranomaly

15.7440, -19.3500, 9.2740

Tritanomaly

16.0060, -17.3320, 5.7400

Monochromacy



Original Color

11.1700, -19.9490, 25.6430

Achromatopsia

11.0000, -0.0000, -0.0000

Achromatomaly

11.0890, -7.2000, 9.3440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 11.1700, -19.9490, 25.6430 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(8, 0, 77)` looks like.

```
.text, #text, p{  
    color:rgb(8, 0, 77)  
}
```

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(8, 0, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 0, 77) }
```

Border

The CSS property to change the border of an element to YIQ 11.1700, -19.9490, 25.6430 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(8, 0, 77) }
```


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

```
.border{ border-color:rgb(8, 0, 77) }
```

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

Here you see how a box with a 4 pixel rgb(8, 0, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 0, 77); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 0, 77); box-shadow:4px  
4px 4px 4px rgb(8, 0, 77) }
```

Background

The CSS property to change the background color of an element to YIQ 11.1700, -19.9490, 25.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 0, 77) }
```

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

```
.background{ background-color: rgb(8, 0,  
77) }
```

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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