

Converting Colors

YIQ(11.4480, 19.5300, 9.4980)

Have a look what the booklet for
YIQ(11.4480, 19.5300, 9.4980)
contains.

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Color

**YIQ(11.4480, 19.5300,
9.4980)**

Conversions

Conversions Part 1	
Format	Color
Hex	240006
RGB	36, 0, 6
RGB Percent	14%, 0%, 2%
CMY	0.8587, 1.0000, 0.9764
CMYK	0.00, 1.00, 0.83, 0.86
HSL	350°, 100%, 7%
HSV	350°, 100%, 14%
XYZ	0.7613, 0.3887, 0.2077
YIQ	11.4480, 19.5300, 9.4980

Conversions

Conversions Part 2

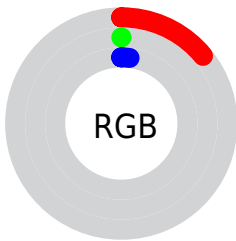
Format	Color
RYB	36, 0, 6
Decimal	2359302
CIELab	3.51, 16.05, 3.08
CIELCh	4, 16.347, 10.867
Yxy	0.3887, 0.5607, 0.2863
Android (android.graphics.Color)	4280549382 (0xFF240006)
YUV	11.4480, -2.6859, 21.5321
Hunter-Lab	6.2343, 10.8880, 2.3885

Details

The YIQ color **11.4480, 19.5300, 9.4980** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **24.5520, -19.5300, -9.4980**, and the grayscale version is **11.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **57.4370, 18.0630, 8.5510**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **11.4480, 19.5300, 9.4980**, and if you desaturate by 10%, it is **14.1380, 17.4670, 8.3390**.

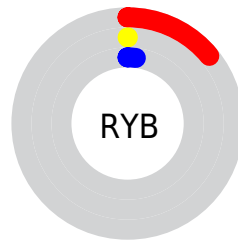
Distribution



Red (14%)

Green (0%)

Blue (2%)



Red (14%)

Yellow (0%)

Blue (2%)

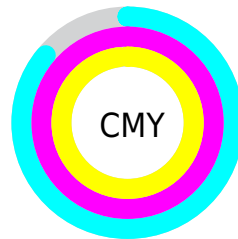


Cyan (0%)

Magenta (100%)

Yellow (83%)

Black (86%)



Cyan (86%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 11.4480, 19.5300, 9.4980 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 11.4480, 19.5300, 9.4980 by changing the saturation by 10% instead.


 11.4480, 19.5300,
9.4980


 11.4480, 19.5300,
9.4980


 235.2410, 15.6790,
7.7030


 0.0000, 0.0000,
0.0000

 57.4370, 18.0630,
8.5510

 80.3340, 19.8510,
9.1870

 104.6330, 20.4470,
9.3990


 130.2310, 21.6390,
9.8230


 156.5300, 22.2350,
10.0350


 183.2420, 23.1060,


10.7700


 211.4270, 24.0230,
10.6710

 11.4480, 19.5300,
9.4980

 14.1380, 17.4670,
8.3390

 16.2410, 15.6790,
7.7030

 18.9310, 13.6160,
6.5440

 21.0340, 11.8280,
5.9080

 23.7240, 9.7650,
4.7490

■ 26.4140, 7.7020,
3.5900

■ 28.5170, 5.9140,
2.9540

■ 31.2070, 3.8510,
1.7950

■ 33.3100, 2.0630,
1.1590

Harmonies

Analogous

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



12.6630, 11.7350, 13.1030



11.4480, 19.5300, 9.4980



11.9270, 19.4390, 5.6390

Triad

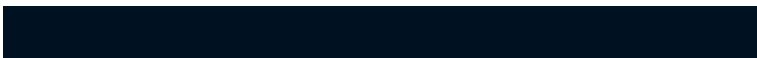
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.4480, 19.5300, 9.4980



10.5660, -4.9500, -9.4140



13.8550, -15.5890, 1.6830

Complementary

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



11.4480, 19.5300, 9.4980



24.5520, -19.5300, -9.4980

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.



14.9320, -14.4880, -1.7520



11.4480, 19.5300, 9.4980



12.3270, -5.7750, -10.9830

Square

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



11.4480, 19.5300, 9.4980



11.8060, 3.3020, -4.7780



14.3790, -11.5530, -5.3850



11.0340, -14.5350, 4.6090

Rectangle

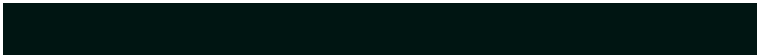
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.4480, 19.5300, 9.4980



12.1930, 15.6340, 3.0100



14.3790, -11.5530, -5.3850



14.3280, -15.5430, 0.8490

Sweetspot

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



11.4480, 19.5300, 9.4980



36.4140, 7.7020, 3.5900



12.7750, 5.7280, 17.3440



17.5060, 4.4470, 2.0070



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.



11.4480, 19.5300, 9.4980



14.6660, 24.8480, 12.2400



17.2210, 18.4310, 1.8790



16.5980, 1.1920, 0.4240



26.1140, 44.3780, 21.7380



66.4810, 113.3290, 55.1930

Inverse Universe

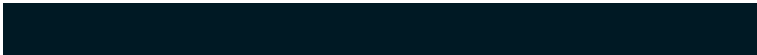
The Inverse Universe completely reimagines the original color for something new.



11.4480, 19.5300, 9.4980



14.6660, 24.8480, 12.2400



18.7790, -18.4310, -1.8790



16.5980, 1.1920, 0.4240



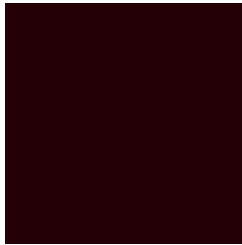
26.1140, 44.3780, 21.7380



66.4810, 113.3290, 55.1930

Previews

White Background



This preview shows how the YIQ color 11.4480, 19.5300, 9.4980 looks on a white background.

Color Contrast Check

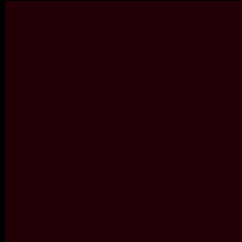
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 11.4480, 19.5300, 9.4980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

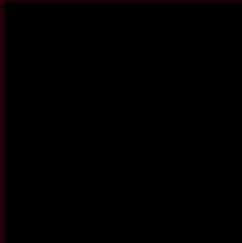
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 11.4480, 19.5300, 9.4980

Background



This preview shows how black text looks on a background with the YIQ color 11.4480, 19.5300, 9.4980.



This preview shows how white text looks on a background with the YIQ color 11.4480, 19.5300,

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

11.4480, 19.5300, 9.4980

Protanopia

17.6860, 3.7600, -2.0640

Deuteranopia

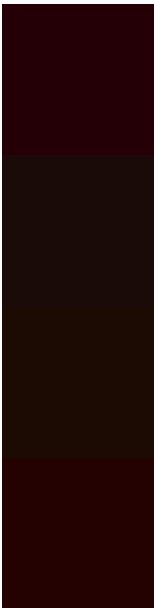
17.0840, 8.3910, -3.3930



Tritanopia

12.5250, 20.6310, 6.0630

Trichromacy



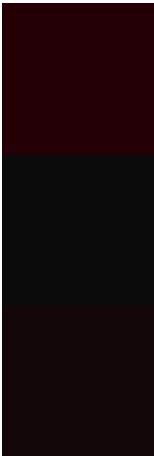
Original Color
11.4480, 19.5300, 9.4980

Protanomaly
15.2570, 9.5820, 2.5580

Deuteranomaly
15.1710, 12.7000, 1.1160

Tritanomaly
12.1660, 20.2640, 7.2080

Monochromacy



Original Color
11.4480, 19.5300, 9.4980

Achromatopsia
11.0000, -0.0000, -0.0000

Achromatomaly
11.1150, 7.1060, 3.3780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 11.4480, 19.5300, 9.4980 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(36, 0, 6)` looks like.

```
.text, #text, p{  
    color:rgb(36, 0, 6)  
}
```

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(36, 0, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 0, 6) }
```

Border

The CSS property to change the border of an element to YIQ 11.4480, 19.5300, 9.4980 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(36, 0, 6) }
```


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

```
.border{ border-color:rgb(36, 0, 6) }
```

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

Here you see how a box with a 4 pixel rgb(36, 0, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 0, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(36, 0, 6); box-shadow:4px  
4px 4px 4px rgb(36, 0, 6) }
```

Background

The CSS property to change the background color of an element to YIQ 11.4480, 19.5300, 9.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 0, 6) }
```

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

```
.background{ background-color: rgb(36, 0,  
6) }
```

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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