

Converting Colors

YIQ(44.6900, -18.1170, 36.4990)

Have a look what the booklet for
YIQ(44.6900, -18.1170, 36.4990)
contains.

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Color

**YIQ(44.6900, -18.1170,
36.4990)**

Conversions

Conversions Part 1

Format	Color
Hex	321A7F
RGB	50, 26, 127
RGB Percent	20%, 10%, 50%
CMY	0.8038, 0.8981, 0.5021
CMYK	0.61, 0.80, 0.00, 0.50
HSL	254°, 66%, 30%
HSV	254°, 80%, 50%
XYZ	5.5143, 2.9485, 20.3441
YIQ	44.6900, -18.1170, 36.4990

Conversions

Conversions Part 2

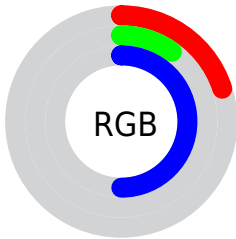
Format	Color
R_{YB}	50, 26, 127
Decimal	3283583
CIE _{Lab}	19.84, 39.09, -52.55
CIE _{LCh}	20, 65.497, 306.647
Yxy	2.9485, 0.1914, 0.1024
Android (android.graphics.Color)	4281473663 (0xFF321A7F)
YUV	44.6900, 40.5788, 4.6569
Hunter-Lab	17.1713, 27.2731, -58.2250

Details

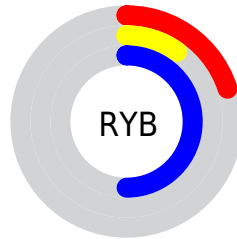
The YIQ color **44.6900, -18.1170, 36.4990** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **108.3100, 18.1170, -36.4990**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **95.1790, -15.0000, 40.5840**, and **8.7780, -24.7170, 23.9470** is the 20% darker color. If you saturate the color by 10%, you get **34.0690, -20.5020, 41.1780**, and if you desaturate by 10%, it is **55.3110, -15.7320, 31.8200**.

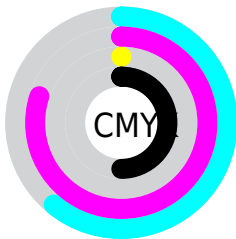
Distribution



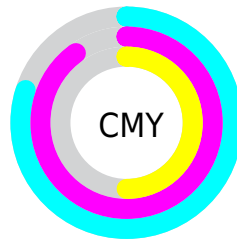
- Red (20%)
- Green (10%)
- Blue (50%)



- Red (20%)
- Yellow (10%)
- Blue (50%)



- Cyan (61%)
- Magenta (80%)
- Yellow (0%)
- Black (50%)



- Cyan (80%)
- Magenta (90%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.6900, -18.1170, 36.4990 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 44.6900, -18.1170, 36.4990 by changing the saturation by 10% instead.

■ 44.6900, -18.1170,
36.4990

■ 44.6900, -18.1170,
36.4990

■ 255.0000, -0.0000,
-0.0000

■ 17.7600, -24.3060,
33.0220

■ 95.1790, -15.0000,
40.5840

■ 8.7780, -24.7170,
23.9470

■ 120.8310,
-13.9000, 42.6760

■ 8.9770, -18.3880,
13.8680

■ 147.6570,
-13.3500, 43.7220

■ 4.7080, -10.5010,
8.5950

■ 173.3430, -9.5900,
41.6580

■ 0.1140, -0.3210,
0.3110

■ 197.8630, 0.2690,
33.6850

■ 0.0000, 0.0000,
0.0000

■ 223.2690, 10.4490,

25.4010

241.4990, 6.3250,
12.0290

44.6900, -18.1170,
36.4990

44.6900, -18.1170,
36.4990

34.0690, -20.5020,
41.1780

55.3110, -15.7320,
31.8200

24.3340, -22.5660,
45.5460

65.0460, -13.6680,
27.4520

23.4480, -22.8870,
45.8570

75.6670, -11.2830,
22.7730

86.2880, -8.8980,
18.0940

96.0230, -6.8340,
13.7260

■ 106.6440, -4.4490,
9.0470

■ 117.2650, -2.0640,
4.3680

■ 127.5870, -0.2750,
-0.5230

■ 137.6210, 2.3850,
-4.6790

Harmonies

Analogous

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



47.7550, -61.4410, 17.6870



44.6900, -18.1170, 36.4990



42.5090, 37.0370, 50.1650

Triad

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



44.6900, -18.1170, 36.4990



43.6340, 45.0690, 3.7010



44.7670, -36.4930, -15.9570

Complementary

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



44.6900, -18.1170, 36.4990



108.3100, 18.1170, -36.4990

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.



37.0950, -17.6460, -32.6380



44.6900, -18.1170, 36.4990



44.5990, 16.6460, -15.3380

Square

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



44.6900, -18.1170, 36.4990



34.6840, 69.1360, 24.5920



34.6330, -16.2250, -30.8570



50.1250, -51.5800, -1.3400

Rectangle

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



44.6900, -18.1170, 36.4990



43.1610, 55.3320, 43.4920



34.6330, -16.2250, -30.8570



42.2420, -30.7610, -20.7210

Sweetspot

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



44.6900, -18.1170, 36.4990



133.2510, -7.4760, 14.3480



82.7130, -53.5960, -8.8600



64.5300, -4.1280, 8.7360



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



44.6900, -18.1170, 36.4990



37.3740, -28.0700, 57.1940



59.6400, 11.6830, 47.0990



58.3960, -1.0550, 2.6010



23.5620, -23.2080, 46.1680



0.0000, 0.0000, 0.0000

Inverse Universe

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



64.9770, 35.4790, 45.3590



68.9220, 55.6480, 70.8160



93.3600, -11.6830, -47.0990



59.6630, 2.5670, 3.0390



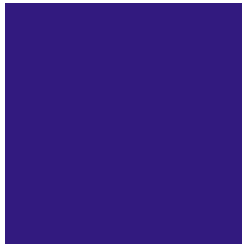
49.3300, 45.1510, 57.3030



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 44.6900, -18.1170, 36.4990 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 44.6900, -18.1170, 36.4990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

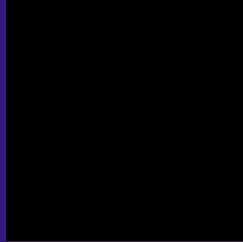
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.6900, -18.1170, 36.4990

Background



This preview shows how black text looks on a background with the YIQ color 44.6900, -18.1170, 36.4990.



This preview shows how white text looks on a background with the YIQ color 44.6900, -18.1170,

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

44.6900, -18.1170, 36.4990

Protanopia

38.8750, -44.7040, 6.2080

Deuteranopia

39.0400, -41.0350, 0.2850



Tritanopia

42.7950, -24.5280, -7.0240

Trichromacy



Original Color

44.6900, -18.1170, 36.4990

Protanomaly

40.7010, -34.9860, 17.3180

Deuteranomaly

40.8490, -32.6470, 13.4730

Tritanomaly

43.6620, -22.0550, 8.7370

Monochromacy



Original Color

44.6900, -18.1170, 36.4990

Achromatopsia

45.0000, -0.0000, -0.0000

Achromatomaly

44.9090, -6.5130, 13.4150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.6900, -18.1170, 36.4990 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(50, 26, 127)` looks like.

```
.text, #text, p{  
    color:rgb(50, 26, 127)  
}
```

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(50, 26, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 26, 127) }
```

Border

The CSS property to change the border of an element to YIQ 44.6900, -18.1170, 36.4990 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(50, 26, 127) }
```


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

```
.border{ border-color:rgb(50, 26, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 26, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 26, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 26, 127);  
box-shadow:4px 4px 4px 4px rgb(50, 26,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 44.6900, -18.1170, 36.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 26, 127) }
```

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

```
.background{ background-color: rgb(50, 26,  
127) }
```

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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