

Converting Colors

YIQ(44.9750, -6.8790, 9.0330)

Have a look what the booklet for
YIQ(44.9750, -6.8790, 9.0330)
contains.

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Color

**YIQ(44.9750, -6.8790,
9.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	2C2944
RGB	44, 41, 68
RGB Percent	17%, 16%, 27%
CMY	0.8274, 0.8392, 0.7334
CMYK	0.35, 0.40, 0.00, 0.73
HSL	247°, 25%, 21%
HSV	247°, 40%, 27%
XYZ	2.8749, 2.5386, 5.8054
YIQ	44.9750, -6.8790, 9.0330

Conversions

Conversions Part 2

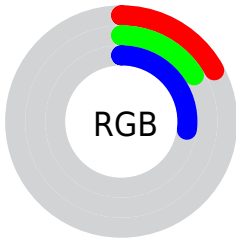
Format	Color
RYB	44, 41, 68
Decimal	2894148
CIELab	18.09, 8.84, -16.50
CIElCh	18, 18.714, 298.179
Yxy	2.5386, 0.2563, 0.2263
Android (android.graphics.Color)	4281084228 (0xFF2C2944)
YUV	44.9750, 11.3513, -0.8551
Hunter-Lab	15.9330, 4.3250, -10.4498

Details

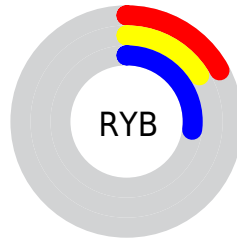
The YIQ color **44.9750, -6.8790, 9.0330** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **64.0250, 6.8790, -9.0330**, and the grayscale version is **45.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **90.9150, -6.6500, 10.3900**, and **3.4370, -8.3000, 7.2520** is the 20% darker color. If you saturate the color by 10%, you get **39.0720, -8.5300, 11.4220**, and if you desaturate by 10%, it is **50.8780, -5.2280, 6.6440**.

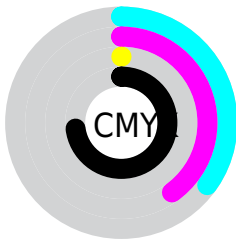
Distribution



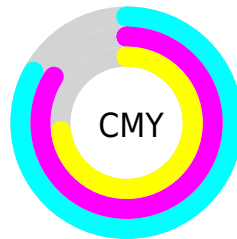
- Red (17%)
- Green (16%)
- Blue (27%)



- Red (17%)
- Yellow (16%)
- Blue (27%)



- Cyan (35%)
- Magenta (40%)
- Yellow (0%)
- Black (73%)



- Cyan (83%)
- Magenta (84%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.9750, -6.8790, 9.0330 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 44.9750, -6.8790, 9.0330 by changing the saturation by 10% instead.

■ 44.9750, -6.8790,
9.0330

■ 44.9750, -6.8790,
9.0330

■ 255.0000, -0.0000,
-0.0000

■ 24.1490, -7.4290,
7.9870

■ 90.9150, -6.6500,
10.3900

■ 3.4370, -8.3000,
7.2520

■ 115.1430, -7.2920,
11.0120

■ 0.0000, 0.0000,
0.0000

■ 141.1430, -7.2920,
11.0120

■ 167.6700, -7.3380,
11.8460

■ 194.7840, -7.6590,
12.1570

■ 222.7840, -7.6590,

12.1570

248.2330, 0.9620,
4.5940

44.9750, -6.8790,
9.0330

44.9750, -6.8790,
9.0330

39.0720, -8.5300,
11.4220

50.8780, -5.2280,
6.6440

33.1690, -10.1810,
13.8110

56.7810, -3.5770,
4.2550

27.8530, -12.1070,
15.6770

62.0970, -1.6510,
2.3890

21.9500, -13.7580,
18.0660

68.0000, -0.0000,
0.0000

16.0470, -15.4090,
20.4550

73.9030, 1.6510,
-2.3890

■ 10.1440, -17.0600,
22.8440

■ 79.8060, 3.3020,
-4.7780

■ 85.7090, 4.9530,
-7.1670

■ 91.0250, 6.8790,
-9.0330

■ 96.9280, 8.5300,
-11.4220

Harmonies

Analogous

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



40.7770, -24.1170, 2.0510



44.9750, -6.8790, 9.0330



45.7980, 6.9210, 12.2410

Triad

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



44.9750, -6.8790, 9.0330



43.9500, 20.6320, 0.5360



34.8390, -27.8280, -13.3000

Complementary

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



44.9750, -6.8790, 9.0330



64.0250, 6.8790, -9.0330

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.



39.5330, -9.3510, -12.2550



44.9750, -6.8790, 9.0330



43.0260, 14.3060, -5.9660

Square

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



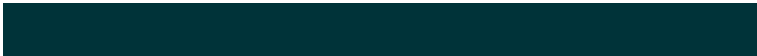
44.9750, -6.8790, 9.0330



44.2370, 21.5020, 6.7980



41.8290, 4.4950, -9.8810



36.4350, -32.3220, -8.9460

Rectangle

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



44.9750, -6.8790, 9.0330



45.6910, 14.5320, 11.9720



41.8290, 4.4950, -9.8810



36.3620, -22.0510, -13.3710

Sweetspot

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



44.9750, -6.8790, 9.0330



80.4390, -2.6140, 3.3220



58.1660, -15.2670, -4.1550



40.0970, -1.6510, 2.3890



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



44.9750, -6.8790, 9.0330



52.3970, -10.8230, 14.4330



48.8620, 0.8690, 11.7890



30.3420, -0.9630, 0.9330



14.3470, -24.5810, 32.4990



33.0110, -57.0040, 74.9640

Inverse Universe

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



51.8090, 8.3880, 13.1880



63.1890, 13.4300, 20.9340



60.1380, -0.8690, -11.7890



31.2390, 0.8250, 1.5690



38.8070, 30.2060, 47.3100



89.6620, 69.6250, 109.3770

Previews

White Background



This preview shows how the YIQ color 44.9750, -6.8790, 9.0330 looks on a white background.

Color Contrast Check

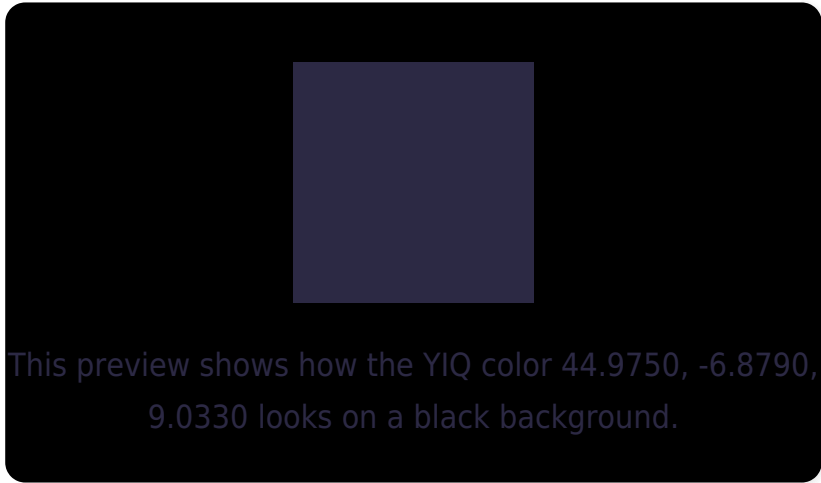
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.9750, -6.8790, 9.0330

Background



This preview shows how black text looks on a background with the YIQ color 44.9750, -6.8790, 9.0330.



This preview shows how white text looks on a background with the YIQ color 44.9750, -6.8790,

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

44.9750, -6.8790, 9.0330

Protanopia

43.3870, -14.0310, 6.4890

Deuteranopia

43.3330, -13.9390, 4.8210



Tritanopia

43.9610, -4.2640, 0.1840

Trichromacy



Original Color

44.9750, -6.8790, 9.0330

Protanomaly

43.8820, -11.0510, 7.5490

Deuteranomaly

43.9420, -11.2800, 6.1920

Tritanomaly

44.4710, -5.6400, 3.0960

Monochromacy



Original Color

44.9750, -6.8790, 9.0330

Achromatopsia

45.0000, -0.0000, -0.0000

Achromatomaly

45.3250, -2.2930, 3.0110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.9750, -6.8790, 9.0330 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(44, 41, 68)` looks like.

```
.text, #text, p{  
    color:rgb(44, 41, 68)  
}
```

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(44, 41, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 41, 68) }
```

Border

The CSS property to change the border of an element to YIQ 44.9750, -6.8790, 9.0330 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(44, 41, 68) }
```


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

```
.border{ border-color:rgb(44, 41, 68) }
```

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

Here you see how a box with a 4 pixel rgb(44, 41, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 41, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 41, 68);  
box-shadow:4px 4px 4px 4px rgb(44, 41, 68)  
}
```

Background

The CSS property to change the background color of an element to YIQ 44.9750, -6.8790, 9.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 41, 68) }
```

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

```
.background{ background-color: rgb(44, 41,  
68) }
```

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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