

Converting Colors

YIQ(96.9150, -33.0130, 9.0910)

Have a look what the booklet for
YIQ(96.9150, -33.0130, 9.0910)
contains.

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Color

**YIQ(96.9150, -33.0130,
9.0910)**

Conversions

Conversions Part 1

Format	Color
Hex	476495
RGB	71, 100, 149
RGB Percent	28%, 39%, 58%
CMY	0.7216, 0.6078, 0.4159
CMYK	0.52, 0.33, 0.00, 0.42
HSL	218°, 35%, 43%
HSV	218°, 52%, 58%
XYZ	12.5775, 12.6245, 30.1896
YIQ	96.9150, -33.0130, 9.0910

Conversions

Conversions Part 2

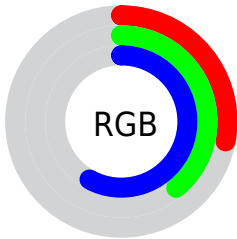
Format	Color
R_{YB}	71, 92, 149
Decimal	4678805
CIE _{Lab}	42.19, 3.97, -30.08
CIE _{LCh}	42, 30.345, 277.511
Yxy	12.6245, 0.2271, 0.2279
Android (android.graphics.Color)	4282868885 (0xFF476495)
YUV	96.9150, 25.6779, -22.7275
Hunter-Lab	35.5309, 1.0078, -25.5053

Details

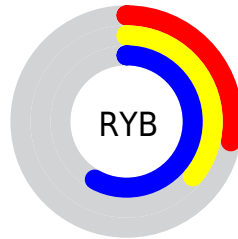
The YIQ color **96.9150, -33.0130, 9.0910** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **123.0850, 33.0130, -9.0910**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8550, -32.7840, 10.4480**, and **46.1590, -39.7520, 4.5680** is the 20% darker color. If you saturate the color by 10%, you get **87.1470, -39.4780, 10.6180**, and if you desaturate by 10%, it is **106.6830, -26.5480, 7.5640**.

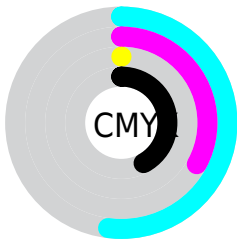
Distribution



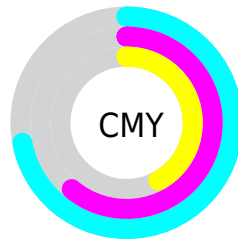
- Red (28%)
- Green (39%)
- Blue (58%)



- Red (28%)
- Yellow (36%)
- Blue (58%)



- Cyan (52%)
- Magenta (33%)
- Yellow (0%)
- Black (42%)



- Cyan (72%)
- Magenta (61%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.9150, -33.0130, 9.0910 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 96.9150, -33.0130, 9.0910 by changing the saturation by 10% instead.

■ 96.9150, -33.0130,
9.0910

■ 96.9150, -33.0130,
9.0910

■ 255.0000, -0.0000,
-0.0000

■ 71.7900, -34.1590,
7.8330

■ 148.8550,
-32.7840, 10.4480

■ 46.1590, -39.7520,
4.5680

■ 175.4960,
-33.1510, 11.5930

■ 27.8070, -32.8290,
5.7550

■ 202.9260,
-31.5460, 10.0380

■ 11.0970, -18.8460,
11.1540

■ 227.7340,
-22.5580, 1.3300

■ 4.4800, -9.8590,
7.9730

■ 249.3190,
-11.3240, -4.0280

■ 0.0000, 0.0000,
0.0000

■ 96.9150, -33.0130,
9.0910

■ 96.9150, -33.0130,
9.0910

■ 87.1470, -39.4780,
10.6180

■ 106.6830,
-26.5480, 7.5640

■ 76.7920, -45.6680,
12.6680

■ 117.0380,
-20.3580, 5.5140

■ 67.0240, -52.1330,
14.1950

■ 126.8060,
-13.8930, 3.9870

■ 57.2560, -58.5980,
15.7220

■ 136.5740, -7.4280,
2.4600

■ 49.2710, -62.9540,
17.5740

■ 146.6300, -1.8340,
0.1980

■ 156.3980, 4.6310,
-1.3290

■ 166.1660, 11.0960,
-2.8560

■ 176.5210, 17.2860,

-4.9060

■ 186.2890, 23.7510,
-6.4330

Harmonies

Analogous

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



79.3390, -75.9700, -10.8660



96.9150, -33.0130, 9.0910



102.1530, -4.0840, 18.9560

Triad

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



96.9150, -33.0130, 9.0910



99.7570, 40.5290, 8.8890



88.9280, -27.0010, -22.7850

Complementary

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



96.9150, -33.0130, 9.0910



123.0850, 33.0130, -9.0910

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.



94.0530, 0.5080, -20.2280



96.9150, -33.0130, 9.0910



98.7420, 35.7170, -3.0270

Square

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



96.9150, -33.0130, 9.0910



101.0420, 35.7130, 19.0810



96.8770, 21.7350, -13.9530



78.3010, -64.7800, -26.4440

Rectangle

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



96.9150, -33.0130, 9.0910



102.9440, 12.7420, 22.3900



96.8770, 21.7350, -13.9530



91.0170, -17.0060, -22.2060

Sweetspot

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



96.9150, -33.0130, 9.0910



172.9910, -12.9760, 3.8880



122.2580, -36.8580, -25.8660



84.2750, -8.0240, 2.2480



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



96.9150, -33.0130, 9.0910



112.3230, -51.5370, 14.4070



82.5830, -19.6740, 26.1660



68.9720, -2.7970, 1.1310



45.6690, -58.3230, 16.2450



3.4880, -4.3100, 1.0180

Inverse Universe

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



97.6280, 37.1790, 25.5550



113.6080, 58.2670, 39.8590



137.4170, 19.6740, -26.1660



69.3210, 3.5300, 2.1060



47.0760, 65.8770, 45.1170



3.4460, 4.6760, 3.3640

Previews

White Background



This preview shows how the YIQ color 96.9150, -33.0130, 9.0910 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 × Fail

Black Background



This preview shows how the YIQ color 96.9150, -33.0130, 9.0910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

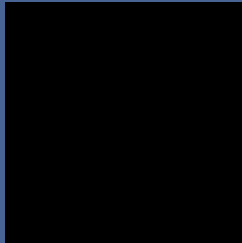
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

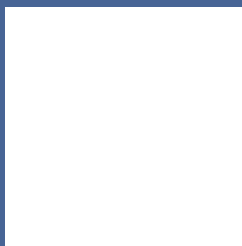
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 96.9150, -33.0130, 9.0910

Background



This preview shows how black text looks on a background with the YIQ color 96.9150, -33.0130, 9.0910.

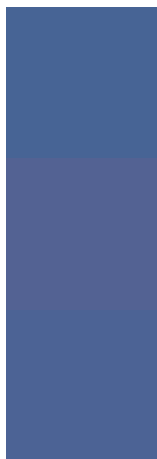


This preview shows how white text looks on a background with the YIQ color 96.9150, -33.0130,

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

96.9150, -33.0130, 9.0910

Protanopia

99.1010, -24.6690, 12.0590

Deuteranopia

97.8230, -29.7580, 10.6740



Tritanopia

93.5600, -31.1760, -7.6880

Trichromacy



Original Color

96.9150, -33.0130, 9.0910

Protanomaly

98.6060, -27.6490, 10.9990

Deuteranomaly

97.2250, -30.9500, 10.2500

Tritanomaly

94.3630, -31.8190, -1.5390

Monochromacy



Original Color

96.9150, -33.0130, 9.0910

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.0620, -11.7380, 3.4780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.9150, -33.0130, 9.0910 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(71, 100, 149)` looks like.

```
.text, #text, p{  
    color:rgb(71, 100, 149)  
}
```

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(71, 100, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 100, 149) }
```

Border

The CSS property to change the border of an element to YIQ 96.9150, -33.0130, 9.0910 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(71, 100, 149) }
```


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

```
.border{ border-color:rgb(71, 100, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 100, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 100, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 100, 149);  
box-shadow:4px 4px 4px 4px rgb(71, 100,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 96.9150, -33.0130, 9.0910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 100, 149) }
```

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

```
.background{ background-color: rgb(71, 100,  
149) }
```

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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