

Converting Colors

YIQ(101.2570, -33.9760,
10.0240)

Have a look what the booklet for
YIQ(101.2570, -33.9760, 10.0240)
contains.

YIQ(101.2570, -33.9760, 10.0240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(101.2570, -33.9760,
10.0240)**

Conversions

Conversions Part 1

Format	Color
Hex	4B689C
RGB	75, 104, 156
RGB Percent	29%, 41%, 61%
CMY	0.7059, 0.5921, 0.3884
CMYK	0.52, 0.33, 0.00, 0.39
HSL	218°, 35%, 45%
HSV	218°, 52%, 61%
XYZ	13.8494, 13.7974, 33.3659
YIQ	101.2570, -33.9760, 10.0240

Conversions

Conversions Part 2

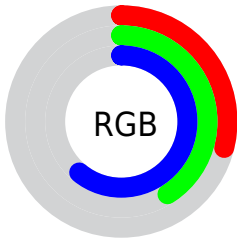
Format	Color
R_{YB}	75, 96, 156
Decimal	4941980
CIE _{Lab}	43.94, 4.74, -31.49
CIE _{LCh}	44, 31.846, 278.564
Yxy	13.7974, 0.2270, 0.2261
Android (android.graphics.Color)	4283132060 (0xFF4B689C)
YUV	101.2570, 26.9883, -23.0274
Hunter-Lab	37.1448, 1.5503, -27.2567

Details

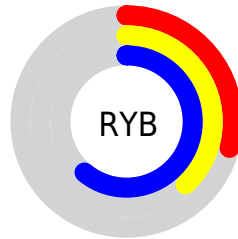
The YIQ color **101.2570, -33.9760, 10.0240** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **129.7430, 33.9760, -10.0240**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.6100, -33.4720, 11.9040**, and **50.0990, -39.5230, 5.9250** is the 20% darker color. If you saturate the color by 10%, you get **90.6030, -40.7620, 11.8620**, and if you desaturate by 10%, it is **111.9110, -27.1900, 8.1860**.

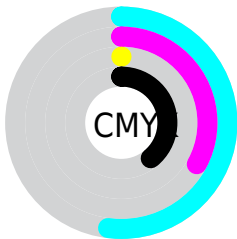
Distribution



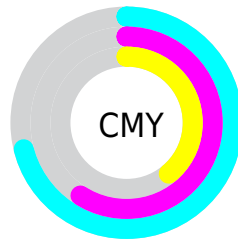
- Red (29%)
- Green (41%)
- Blue (61%)



- Red (29%)
- Yellow (38%)
- Blue (61%)



- Cyan (52%)
- Magenta (33%)
- Yellow (0%)
- Black (39%)



- Cyan (71%)
- Magenta (59%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.2570, -33.9760, 10.0240 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 101.2570, -33.9760, 10.0240 by changing the saturation by 10% instead.

■ 101.2570,
-33.9760, 10.0240

■ 101.2570,
-33.9760, 10.0240

■ 255.0000, -0.0000,
-0.0000

■ 76.1320, -35.1220,
8.7660

■ 153.6100,
-33.4720, 11.9040

■ 50.0990, -39.5230,
5.9250

■ 180.7240,
-33.7930, 12.2150

■ 30.2520, -35.5800,
6.0520

■ 206.7690,
-29.6660, 9.0060

■ 15.3030, -22.4220,
9.8820

■ 231.5770,
-20.6780, 0.2980

■ 5.1640, -11.7850,
9.8390

■ 250.8140, -8.3440,
-2.9680

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,

0.0000

■ 101.2570,
-33.9760, 10.0240

■ 101.2570,
-33.9760, 10.0240

■ 90.6030, -40.7620,
11.8620

■ 111.9110,
-27.1900, 8.1860

■ 80.2480, -46.9520,
13.9120

■ 122.2660,
-21.0000, 6.1360

■ 69.5940, -53.7380,
15.7500

■ 132.9200,
-14.2140, 4.2980

■ 59.2390, -59.9280,
17.8000

■ 143.2750, -8.0240,
2.2480

■ 50.6560, -65.4760,
19.2280

■ 153.9290, -1.2380,
0.4100

■ 164.5830, 5.5480,
-1.4280

■ 174.9380, 11.7380,
-3.4780

■ 185.5920, 18.5240,
-5.3160

■ 195.9470, 24.7140,
-7.3660

Harmonies

Analogous

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



83.1860, -79.9130, -10.9930



101.2570, -33.9760, 10.0240



106.3920, -3.2590, 20.5250

Triad

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



101.2570, -33.9760, 10.0240



104.4260, 42.9590, 8.9030



92.3190, -29.6600, -24.1560

Complementary

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



101.2570, -33.9760, 10.0240



129.7430, 33.9760, -10.0240

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.



97.8140, -0.3170, -21.7970



101.2570, -33.9760, 10.0240



103.2860, 37.0010, -4.2710

Square

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



101.2570, -33.9760, 10.0240



105.2380, 38.0970, 19.9290



101.1220, 22.4230, -15.4090



81.9200, -68.0810, -27.1930

Rectangle

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



101.2570, -33.9760, 10.0240



107.3680, 14.4840, 23.8600



101.1220, 22.4230, -15.4090



94.5930, -18.7480, -23.6760

Sweetspot

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



101.2570, -33.9760, 10.0240



181.8060, -13.8930, 3.9870



128.3610, -38.6460, -26.5020



89.2750, -8.0240, 2.2480



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



101.2570, -33.9760, 10.0240



118.7790, -52.8210, 15.6510



87.5230, -19.4450, 27.5230



73.6730, -3.3930, 0.9190



46.2390, -59.9280, 17.8000



4.6450, -6.1900, 2.0500

Inverse Universe

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



102.5250, 38.9670, 26.1910



120.8040, 60.6510, 40.7070



143.4770, 19.4450, -27.5230



73.7340, 3.8050, 2.6290



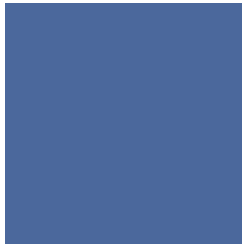
48.5710, 68.8570, 46.1770



5.0550, 7.3350, 4.7350

Previews

White Background



This preview shows how the YIQ color 101.2570, -33.9760, 10.0240 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 101.2570, -33.9760, 10.0240 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

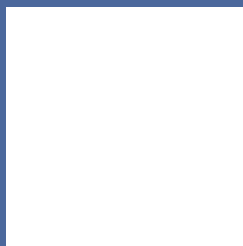
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 101.2570, -33.9760, 10.0240

Background



This preview shows how black text looks on a background with the YIQ color 101.2570, -33.9760, 10.0240.



This preview shows how white text looks on a background with the YIQ color 101.2570, -33.9760,

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

101.2570, -33.9760, 10.0240

Protanopia

103.1440, -26.2280, 12.7800

Deuteranopia

101.8660, -31.3170, 11.3950



Tritanopia

97.6740, -31.4970, -7.3770

Trichromacy



Original Color

101.2570, -33.9760, 10.0240

Protanomaly

102.6490, -29.2080, 11.7200

Deuteranomaly

101.5670, -31.9130, 11.1830

Tritanomaly

98.5910, -32.4610, -0.9170

Monochromacy



Original Color

101.2570, -33.9760, 10.0240

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

101.1760, -12.0590, 3.7890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.2570, -33.9760, 10.0240 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(75, 104, 156)` looks like.

```
.text, #text, p{  
    color:rgb(75, 104, 156)  
}
```

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(75, 104, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 104, 156) }
```

Border

The CSS property to change the border of an element to YIQ 101.2570, -33.9760, 10.0240 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(75, 104, 156) }
```


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

```
.border{ border-color:rgb(75, 104, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 104, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 104, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 104, 156);  
box-shadow:4px 4px 4px 4px rgb(75, 104,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 101.2570, -33.9760, 10.0240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 104, 156) }
```

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

```
.background{ background-color: rgb(75, 104,  
156) }
```

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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