

Converting Colors

YIQ(101.1250, -51.5800,
-1.3400)

Have a look what the booklet for
YIQ(101.1250, -51.5800, -1.3400)
contains.

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Color

**YIQ(101.1250, -51.5800,
-1.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	33749C
RGB	51, 116, 156
RGB Percent	20%, 45%, 61%
CMY	0.8001, 0.5450, 0.3885
CMYK	0.67, 0.26, 0.00, 0.39
HSL	203°, 51%, 41%
HSV	203°, 67%, 61%
XYZ	13.6078, 15.5983, 33.7194
YIQ	101.1250, -51.5800, -1.3400

Conversions

Conversions Part 2

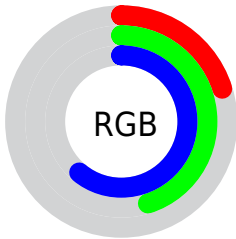
Format	Color
R_{YB}	51, 91, 156
Decimal	3372188
CIE Lab	46.44, -7.58, -27.65
CIE LCh	46, 28.672, 254.667
Yxy	15.5983, 0.2163, 0.2479
Android (android.graphics.Color)	4281562268 (0xFF33749C)
YUV	101.1250, 27.0534, -43.9596
Hunter-Lab	39.4947, -7.6141, -22.9737

Details

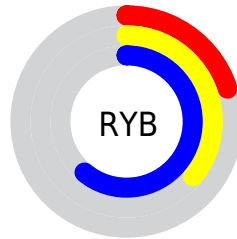
The YIQ color **101.1250, -51.5800, -1.3400** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **105.8750, 51.5800, 1.3400**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2610, -48.9670, 0.8650**, and **51.8860, -52.4050, -2.9090** is the 20% darker color. If you saturate the color by 10%, you get **92.8190, -59.4660, -1.5940**, and if you desaturate by 10%, it is **109.4310, -43.6940, -1.0860**.

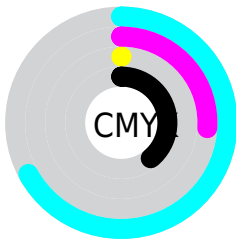
Distribution



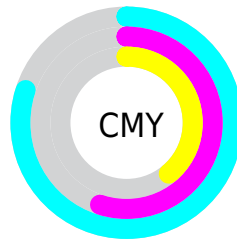
- Red (20%)
- Green (45%)
- Blue (61%)



- Red (20%)
- Yellow (36%)
- Blue (61%)



- Cyan (67%)
- Magenta (26%)
- Yellow (0%)
- Black (39%)



- Cyan (80%)
- Magenta (55%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.1250, -51.5800, -1.3400 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 101.1250, -51.5800, -1.3400 by changing the saturation by 10% instead.

■ 101.1250,
-51.5800, -1.3400

■ 101.1250,
-51.5800, -1.3400

■ 255.0000, -0.0000,
-0.0000

■ 71.2270, -60.7950,
-5.0430

■ 155.2610,
-48.9670, 0.8650

■ 51.7720, -52.0840,
-3.2200

■ 182.6740,
-48.6920, 1.3880

■ 36.1220, -38.3300,
0.8220

■ 209.3060,
-44.8400, -2.3440

■ 21.7600, -25.4470,
4.1290

■ 235.0000,
-35.5310, -11.3630

■ 5.1640, -11.7850,
9.8390

■ 245.4320,
-19.0720, -6.7840

■ 1.1400, -3.2100,
3.1100

■ 254.1030, -1.7880,

■ 0.0000, 0.0000,

-0.6360

0.0000

■ 101.1250,
-51.5800, -1.3400

■ 101.1250,
-51.5800, -1.3400

■ 92.8190, -59.4660,
-1.5940

■ 109.4310,
-43.6940, -1.0860

■ 84.8120, -66.7560,
-1.6360

■ 117.4380,
-36.4040, -1.0440

■ 76.5060, -74.6420,
-1.8900

■ 125.7440,
-28.5180, -0.7900

■ 74.7230, -76.7510,
-2.2150

■ 133.7510,
-21.2280, -0.7480

■ 142.0570,
-13.3420, -0.4940

■ 150.3630, -5.4560,
-0.2400

■ 158.3700, 1.8340,
-0.1980

■ 166.0890, 9.9950,
0.5790

■ 174.0960, 17.2850,
0.6210

Harmonies

Analogous

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



87.3290, -79.1780, -18.8100



101.1250, -51.5800, -1.3400



109.2860, -23.7520, 11.9600

Triad

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



101.1250, -51.5800, -1.3400



111.6460, 36.7680, 16.4800



103.8290, -4.6730, -19.9450

Complementary

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



101.1250, -51.5800, -1.3400



105.8750, 51.5800, 1.3400

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.



107.0120, 16.9210, -14.8150



101.1250, -51.5800, -1.3400



110.5780, 39.4750, 5.9630

Square

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



101.1250, -51.5800, -1.3400



113.1640, 23.7460, 21.2020



109.0080, 31.9120, -5.6560



99.4160, -31.3110, -21.7670

Rectangle

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



101.1250, -51.5800, -1.3400



112.2560, -5.8720, 18.3200



109.0080, 31.9120, -5.6560



105.3630, 2.5710, -19.0690

Sweetspot

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



101.1250, -51.5800, -1.3400



180.2350, -19.7150, -0.6350



116.9670, -41.0730, -43.0970



89.5410, -11.8290, -0.3810



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.



101.1250, -51.5800, -1.3400



115.8690, -80.0980, -2.1300



71.1880, -37.5550, 25.3330



74.8470, -3.9430, -0.1270



68.5450, -70.3780, -2.0740



6.9930, -7.2900, -0.0420

Inverse Universe

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



89.8050, 41.7150, 42.4750



98.2510, 64.7270, 65.9670



135.8120, 37.5550, -25.3330



73.9620, 3.1630, 3.2510



52.9030, 56.6590, 57.9950



5.5110, 6.0510, 5.9790

Previews

White Background



This preview shows how the YIQ color 101.1250, -51.5800, -1.3400 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 101.1250, -51.5800, -1.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

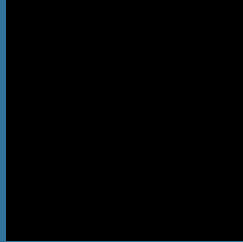
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 101.1250, -51.5800, -1.3400

Background



This preview shows how black text looks on a background with the YIQ color 101.1250, -51.5800, -1.3400.



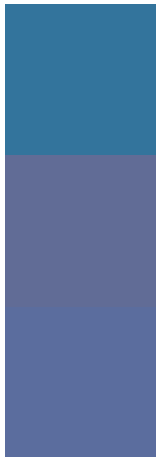
This preview shows how white text looks on a background with the YIQ color 101.1250, -51.5800,

-1.3400.

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

101.1250, -51.5800, -1.3400

Protanopia

109.4990, -20.0380, 10.7300

Deuteranopia

109.2040, -26.4570, 11.4230



Tritanopia

96.4260, -54.4660, -15.1220

Trichromacy



Original Color

101.1250, -51.5800, -1.3400

Protanomaly

106.4050, -31.6370, 6.1790

Deuteranomaly

106.3660, -35.9010, 6.3630

Tritanomaly

98.0720, -53.2290, -10.0050

Monochromacy



Original Color

101.1250, -51.5800, -1.3400

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

100.8330, -18.5230, -0.2110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.1250, -51.5800, -1.3400 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(51, 116, 156)` looks like.

```
.text, #text, p{  
    color:rgb(51, 116, 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(51, 116, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 116, 156) }
```

Border

The CSS property to change the border of an element to YIQ 101.1250, -51.5800, -1.3400 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(51, 116, 156) }
```


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

```
.border{ border-color:rgb(51, 116, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 116, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 116, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 116, 156);  
box-shadow:4px 4px 4px 4px rgb(51, 116,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 101.1250, -51.5800, -1.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 116, 156) }
```

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

```
.background{ background-color: rgb(51, 116,  
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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