

Converting Colors

YIQ(124.8940, -37.6880, 0.2000)

Have a look what the booklet for
YIQ(124.8940, -37.6880, 0.2000)
contains.

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Color

**YIQ(124.8940, -37.6880,
0.2000)**

Conversions

Conversions Part 1

Format	Color
Hex	5987A7
RGB	89, 135, 167
RGB Percent	35%, 53%, 65%
CMY	0.6511, 0.4705, 0.3453
CMYK	0.47, 0.19, 0.00, 0.35
HSL	205°, 31%, 50%
HSV	205°, 47%, 65%
XYZ	19.7553, 22.2445, 39.7901
YIQ	124.8940, -37.6880, 0.2000

Conversions

Conversions Part 2

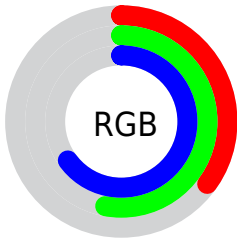
Format	Color
R _Y B	89, 118, 167
Decimal	5867431
CIE Lab	54.29, -6.78, -21.81
CIE LCh	54, 22.836, 252.735
Yxy	22.2445, 0.2415, 0.2720
Android (android.graphics.Color)	4284057511 (0xFF5987A7)
YUV	124.8940, 20.7583, -31.4790
Hunter-Lab	47.1640, -7.7701, -17.0053

Details

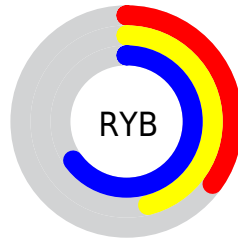
The YIQ color $124.8940, -37.6880, 0.2000$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $131.1060, 37.6880, -0.2000$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $178.4210, -37.7340, 1.0340$, and $73.1710, -40.0260, -1.4820$ is the 20% darker color. If you saturate the color by 10%, you get $115.7020, -45.8950, 0.2570$, and if you desaturate by 10%, it is $134.0860, -29.4810, 0.1430$.

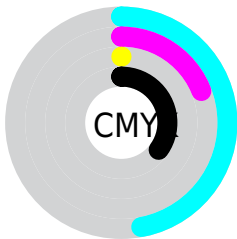
Distribution



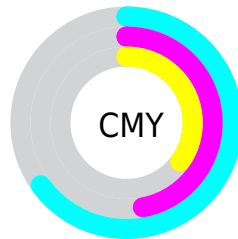
- Red (35%)
- Green (53%)
- Blue (65%)



- Red (35%)
- Yellow (46%)
- Blue (65%)



- Cyan (47%)
- Magenta (19%)
- Yellow (0%)
- Black (35%)



- Cyan (65%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.8940, -37.6880, 0.2000 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 124.8940, -37.6880, 0.2000 by changing the saturation by 10% instead.

■ 124.8940,
-37.6880, 0.2000

■ 124.8940,
-37.6880, 0.2000

■ 255.0000, -0.0000,
-0.0000

■ 99.0680, -38.2380,
-0.8460

■ 178.4210,
-37.7340, 1.0340

■ 73.1710, -40.0260,
-1.4820

■ 206.2360,
-38.6510, 1.1330

■ 46.6540, -45.9400,
-4.4360

■ 231.7990,
-30.3510, -6.1190

■ 31.7050, -32.7820,
-0.6060

■ 246.6280,
-16.6880, -5.9360

■ 16.7560, -19.6240,
3.2240

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,

0.0000

■ 124.8940,
-37.6880, 0.2000

■ 124.8940,
-37.6880, 0.2000

■ 115.7020,
-45.8950, 0.2570

■ 134.0860,
-29.4810, 0.1430

■ 106.8090,
-53.5060, 0.5260

■ 142.9790,
-21.8700, -0.1260

■ 98.2040, -61.9880,
0.0600

■ 152.1710,
-13.6630, -0.1830

■ 89.0120, -70.1950,
0.1170

■ 160.7760, -5.1810,
0.2830

■ 80.1190, -77.8060,
0.3860

■ 169.6690, 2.4300,
0.0140

■ 77.1510, -80.8320,
0.1600

■ 178.8610, 10.6370,
-0.0430

■ 188.0530, 18.8440,
-0.1000

■ 197.2450, 27.0510,
-0.1570

■ 206.1380, 34.6620,
-0.4260

Harmonies

Analogous

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



120.6060, -45.9850, -9.1290



124.8940, -37.6880, 0.2000



129.8580, -19.6710, 9.5850

Triad

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



124.8940, -37.6880, 0.2000



132.2430, 30.5330, 13.8370



125.6060, -2.4270, -16.5950

Complementary

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



124.8940, -37.6880, 0.2000



131.1060, 37.6880, -0.2000

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.



127.6360, 15.2240, -11.5920



124.8940, -37.6880, 0.2000



131.3430, 32.8270, 5.2990

Square

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



124.8940, -37.6880, 0.2000



133.3050, 18.7950, 17.3150



130.0230, 27.5560, -3.8040



122.7270, -21.8210, -17.5410

Rectangle

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



124.8940, -37.6880, 0.2000



131.7350, -5.9630, 14.4610



130.0230, 27.5560, -3.8040



126.3680, 4.1750, -15.0970

Sweetspot

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



124.8940, -37.6880, 0.2000



200.1000, -14.9010, 0.2270



138.3200, -31.4010, -31.1530



99.6230, -9.1240, 0.1560



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



124.8940, -37.6880, 0.2000



151.1720, -58.9620, 0.2860



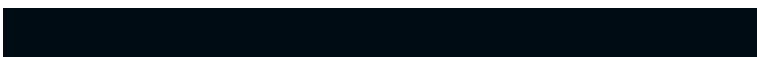
102.5880, -27.2380, 20.0740



79.8470, -3.9430, -0.1270



67.9410, -71.4330, 0.5270



9.3240, -9.7200, -0.0560

Inverse Universe

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



117.5660, 31.7220, 30.8420



139.6860, 49.6000, 48.2560



153.4120, 27.2380, -20.0740



78.9620, 3.1630, 3.2510



54.1700, 60.2810, 58.4330



7.3480, 8.0680, 7.9720

Previews

White Background



This preview shows how the YIQ color 124.8940, -37.6880, 0.2000 looks on a white 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

Black Background



This preview shows how the YIQ color 124.8940, -37.6880, 0.2000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

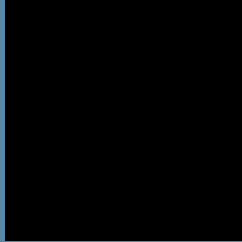
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.8940, -37.6880, 0.2000

Background



This preview shows how black text looks on a background with the YIQ color 124.8940, -37.6880, 0.2000.

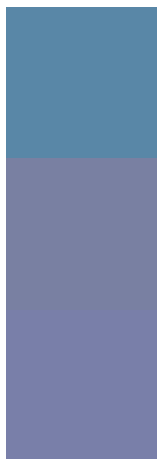


This preview shows how white text looks on a background with the YIQ color 124.8940, -37.6880,

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

124.8940, -37.6880, 0.2000

Protanopia

129.7830, -15.0860, 9.0900

Deuteranopia

129.9940, -17.0580, 11.7900



Tritanopia

123.1080, -35.7150, -8.0270

Trichromacy



Original Color

124.8940, -37.6880, 0.2000

Protanomaly

128.1840, -23.7050, 5.5990

Deuteranomaly

128.0530, -24.7140, 7.3660

Tritanomaly

123.9170, -36.4950, -4.9030

Monochromacy



Original Color

124.8940, -37.6880, 0.2000

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.1710, -13.6630, -0.1830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.8940, -37.6880, 0.2000 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(89, 135, 167)` looks like.

```
.text, #text, p{  
    color:rgb(89, 135, 167)  
}
```

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(89, 135, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 135, 167) }
```

Border

The CSS property to change the border of an element to YIQ 124.8940, -37.6880, 0.2000 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(89, 135, 167) }
```


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

```
.border{ border-color:rgb(89, 135, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 135, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(89, 135, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(89, 135, 167); box-shadow:4px 4px 4px 4px rgb(89, 135, 167) }
```

Background

The CSS property to change the background color of an element to YIQ 124.8940, -37.6880, 0.2000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 135, 167) }
```

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

```
.background{ background-color: rgb(89, 135,  
167) }
```

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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