

Converting Colors

YIQ(152.9400, -34.1610,
18.8870)

Have a look what the booklet for
YIQ(152.9400, -34.1610, 18.8870)
contains.

YIQ(152.9400, -34.1610, 18.8870)	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(152.9400, -34.1610,
18.8870)**

Conversions

Conversions Part 1

Format	Color
Hex	8496DF
RGB	132, 150, 223
RGB Percent	52%, 59%, 87%
CMY	0.4823, 0.4117, 0.1257
CMYK	0.41, 0.33, 0.00, 0.13
HSL	228°, 59%, 70%
HSV	228°, 41%, 87%
XYZ	33.7361, 32.0458, 74.1848
YIQ	152.9400, -34.1610, 18.8870

Conversions

Conversions Part 2

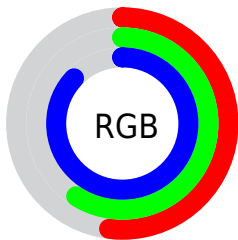
Format	Color
RYB	132, 147, 223
Decimal	8689375
CIELab	63.38, 11.86, -39.12
CIELCh	63, 40.881, 286.860
Yxy	32.0458, 0.2410, 0.2290
Android (android.graphics.Color)	4286879455 (0xFF8496DF)
YUV	152.9400, 34.5396, -18.3644
Hunter-Lab	56.6090, 7.3110, -38.0718

Details

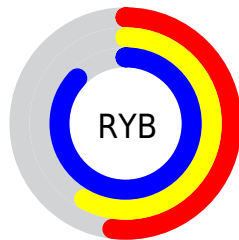
The YIQ color $152.9400, -34.1610, 18.8870$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $202.0600, 34.1610, -18.8870$, and the grayscale version is $153.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $205.0300, -25.9070, 12.4690$, and $100.1740, -34.9400, 16.4840$ is the 20% darker color. If you saturate the color by 10%, you get $135.7960, -42.3230, 23.6370$, and if you desaturate by 10%, it is $170.0840, -25.9990, 14.1370$.

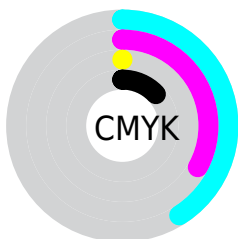
Distribution



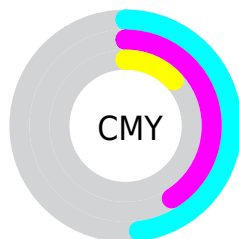
- Red (52%)
- Green (59%)
- Blue (87%)



- Red (52%)
- Yellow (58%)
- Blue (87%)



- Cyan (41%)
- Magenta (33%)
- Yellow (0%)
- Black (13%)



- Cyan (48%)
- Magenta (41%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.9400, -34.1610, 18.8870 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 152.9400, -34.1610, 18.8870 by changing the saturation by 10% instead.

■ 152.9400,
-34.1610, 18.8870

■ 152.9400,
-34.1610, 18.8870

■ 255.0000, -0.0000,
-0.0000

■ 126.4130,
-34.1150, 18.0530

■ 205.0300,
-25.9070, 12.4690

■ 100.7610,
-35.2150, 15.9610

■ 230.1370,
-16.3230, 3.9730

■ 75.3370, -36.9570,
14.4910

■ 252.3090, -5.3640,
-1.9080

■ 48.4070, -43.1460,
11.0140

■ 29.6310, -37.9650,
10.7310

■ 13.3940, -23.9360,
15.2960

■ 6.6630, -14.6280,

11.8040

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 152.9400,
-34.1610, 18.8870

■ 152.9400,
-34.1610, 18.8870

■ 135.7960,
-42.3230, 23.6370

■ 170.0840,
-25.9990, 14.1370

■ 118.3530,
-51.0810, 28.1750

■ 187.5270,
-17.2410, 9.5990

■ 101.2090,
-59.2430, 32.9250

■ 204.6710, -9.0790,
4.8490

■ 84.0650, -67.4050,
37.6750

■ 221.8150, -0.9170,
0.0990

■ 67.5080, -75.8420,
41.9020

■ 238.3720, 7.5200,
-4.1280

■ 51.2500, -83.6830,
46.3410

■ 251.3520, 10.2720,
-9.9520

Harmonies

Analogous

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



137.9720, -81.8860, -2.7660



152.9400, -34.1610, 18.8870



157.8050, 6.1840, 31.1120

Triad

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



152.9400, -34.1610, 18.8870



153.6850, 58.2270, 7.5310



134.4190, -53.7290, -33.9930

Complementary

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



152.9400, -34.1610, 18.8870



202.0600, 34.1610, -18.8870

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.



144.0420, -10.1270, -31.2390



152.9400, -34.1610, 18.8870



151.8600, 46.7680, -10.5760

Square

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



152.9400, -34.1610, 18.8870



155.3280, 55.5190, 23.5750



148.7380, 23.2040, -24.0600



120.6860, -102.8330, -36.1530

Rectangle

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



152.9400, -34.1610, 18.8870



158.1790, 28.5580, 33.1180



148.7380, 23.2040, -24.0600



138.4440, -37.6820, -32.9620

Sweetspot

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



152.9400, -34.1610, 18.8870



231.0560, -11.6010, 6.5030



193.7390, -48.4580, -24.8900



113.8130, -6.6030, 4.0290



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



152.9400, -34.1610, 18.8870



158.9250, -47.0000, 25.8000



150.4470, -13.1190, 34.0250



103.4280, -4.0810, 2.3750



40.6090, -66.1210, 36.4310



11.3420, -18.1580, 9.6980

Inverse Universe

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



161.2610, 48.4580, 24.8900



170.2250, 66.4750, 34.2750



204.5530, 13.1190, -34.0250



104.5170, 5.9140, 2.9540



56.6140, 93.6610, 48.1970



15.4920, 25.3980, 13.2860

Previews

White Background



This preview shows how the YIQ color 152.9400, -34.1610, 18.8870 looks on a white background.

Color Contrast Check

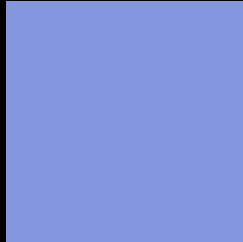
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 152.9400, -34.1610, 18.8870 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 ✓ Pass

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

YIQ 152.9400, -34.1610, 18.8870

Background



This preview shows how black text looks on a background with the YIQ color 152.9400, -34.1610, 18.8870.



This preview shows how white text looks on a background with the YIQ color 152.9400, -34.1610,

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

152.9400, -34.1610, 18.8870

Protanopia

152.6300, -36.2240, 17.7280

Deuteranopia

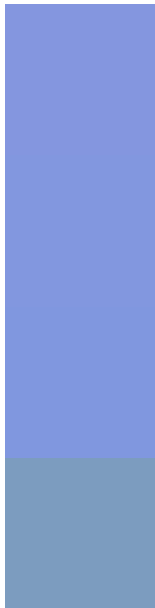
152.0210, -38.8830, 16.3570



Tritanopia

149.2230, -28.6090, -4.6490

Trichromacy



Original Color

152.9400, -34.1610, 18.8870

Protanomaly

152.9290, -35.6280, 17.9400

Deuteranomaly

152.3310, -36.8200, 17.5160

Tritanomaly

150.4220, -30.3070, 4.1010

Monochromacy



Original Color

152.9400, -34.1610, 18.8870

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.8710, -12.5180, 6.6020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.9400, -34.1610, 18.8870 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(132, 150, 223)` looks like.

```
.text, #text, p{  
    color:rgb(132, 150, 223)  
}
```

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(132, 150, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 150, 223) }
```

Border

The CSS property to change the border of an element to YIQ 152.9400, -34.1610, 18.8870 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(132, 150, 223) }
```


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

```
.border{ border-color:rgb(132, 150, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 150, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 150, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 150, 223);  
box-shadow:4px 4px 4px 4px rgb(132, 150,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 152.9400, -34.1610, 18.8870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 150, 223) }
```

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

```
.background{ background-color: rgb(132,  
150, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor