

Converting Colors

YIQ(51.7940, 65.4700, 13.9340)

Have a look what the booklet for
YIQ(51.7940, 65.4700, 13.9340)
contains.

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Color

**YIQ(51.7940, 65.4700,
13.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	7B1903
RGB	123, 25, 3
RGB Percent	48%, 10%, 1%
CMY	0.5174, 0.9021, 0.9880
CMYK	0.00, 0.80, 0.98, 0.52
HSL	11°, 95%, 25%
HSV	11°, 98%, 48%
XYZ	8.5400, 4.9153, 0.5868
YIQ	51.7940, 65.4700, 13.9340

Conversions

Conversions Part 2

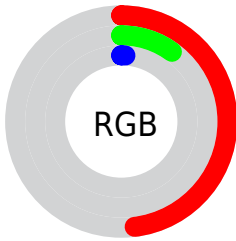
Format	Color
R_{YB}	123, 30, 3
Decimal	8067331
CIE Lab	26.49, 40.79, 37.28
CIE LCh	26, 55.261, 42.428
Yxy	4.9153, 0.6082, 0.3500
Android (android.graphics.Color)	4286257411 (0xFF7B1903)
YUV	51.7940, -24.0554, 62.4477
Hunter-Lab	22.1705, 29.9589, 13.9500

Details

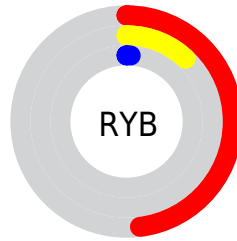
The YIQ color **51.7940, 65.4700, 13.9340** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **74.2060, -65.4700, -13.9340**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **106.0890, 71.8890, 13.2410**, and **19.4350, 38.7400, 13.7800** is the 20% darker color. If you saturate the color by 10%, you get **49.6910, 67.2580, 14.5700**, and if you desaturate by 10%, it is **59.0320, 58.8680, 12.4360**.

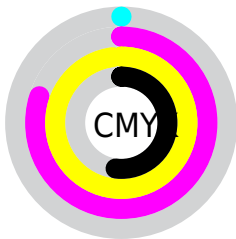
Distribution



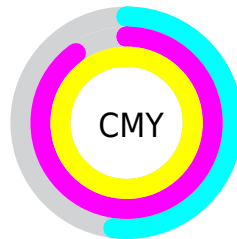
- Red (48%)
- Green (10%)
- Blue (1%)



- Red (48%)
- Yellow (12%)
- Blue (1%)



- Cyan (0%)
- Magenta (80%)
- Yellow (98%)
- Black (52%)



- Cyan (52%)
- Magenta (90%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.7940, 65.4700, 13.9340 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 51.7940, 65.4700, 13.9340 by changing the saturation by 10% instead.

■ 51.7940, 65.4700,
13.9340

■ 51.7940, 65.4700,
13.9340

■ 252.2640, 7.7040,
-7.4640

■ 28.1060, 56.0240,
19.9280

■ 106.0890, 71.8890,
13.2410

■ 19.4350, 38.7400,
13.7800

■ 132.4700, 75.1900,
13.9900

■ 11.7750, 22.9230,
8.5790

■ 160.3240, 78.5370,
13.9050

■ 0.0000, 0.0000,
0.0000

■ 182.3120, 69.6430,
9.8910

■ 201.1250, 53.8720,
3.8560

■ 221.2260, 37.2300,

-2.9140

■ 240.8540, 20.5420,
-8.8500

■ 51.7940, 65.4700,
13.9340

■ 51.7940, 65.4700,
13.9340

■ 49.6910, 67.2580,
14.5700

■ 59.0320, 58.8680,
12.4360

■ 66.3840, 51.9450,
11.2490

■ 73.6220, 45.3430,
9.7510

■ 80.8600, 38.7410,
8.2530

■ 88.2120, 31.8180,
7.0660

■ 95.4500, 25.2160,
5.5680

■ 102.6880, 18.6140,
4.0700

■ 110.0400, 11.6910,
2.8830

■ 117.8650, 4.8140,
0.8620

Harmonies

Analogous

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



45.4240, 64.7770, 43.0250



51.7940, 65.4700, 13.9340



59.2390, 44.3830, -5.8970

Triad

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



51.7940, 65.4700, 13.9340



49.7760, -32.6850, -29.9090



53.6250, -64.1910, 12.4570

Complementary

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



51.7940, 65.4700, 13.9340



74.2060, -65.4700, -13.9340

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.



60.4410, -66.8490, 5.5590



51.7940, 65.4700, 13.9340



56.0800, -47.6800, -16.9600

Square

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



51.7940, 65.4700, 13.9340



44.0250, -20.6250, -39.2250



59.9390, -59.9240, -4.3080



62.9600, -1.3820, 36.0740

Rectangle

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



51.7940, 65.4700, 13.9340



58.8190, 27.6500, -16.5260



59.9390, -59.9240, -4.3080



56.7880, -66.2080, 10.4640

Sweetspot

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



51.7940, 65.4700, 13.9340



133.3360, 25.5370, 5.2570



50.2800, 39.4200, 56.5400



64.6060, 15.9090, 3.5330



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



51.7940, 65.4700, 13.9340



65.1620, 87.9810, 18.9650



85.8400, 49.5200, -16.4000



57.3810, 3.3010, 0.7490



50.8760, 68.1750, 14.4710



102.3500, 137.5420, 29.3660

Inverse Universe

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



74.2060, -65.4700, -13.9340



95.2510, -87.7060, -18.4420



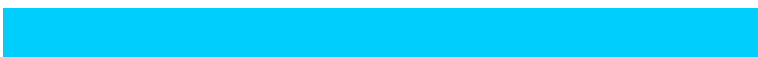
40.1600, -49.5200, 16.4000



58.6190, -3.3010, -0.7490



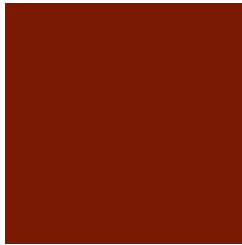
74.1240, -68.1750, -14.4710



149.6500, -137.5420, -29.3660

Previews

White Background



This preview shows how the YIQ color 51.7940, 65.4700, 13.9340 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

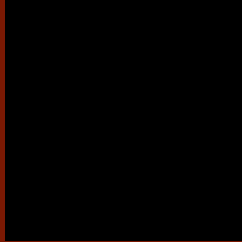
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.7940, 65.4700, 13.9340

Background



This preview shows how black text looks on a background with the YIQ color 51.7940, 65.4700, 13.9340.



This preview shows how white text looks on a background with the YIQ color 51.7940, 65.4700,

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

51.7940, 65.4700, 13.9340

Protanopia

61.6920, 20.8180, -13.8540

Deuteranopia

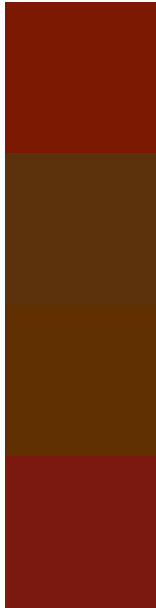
60.3250, 32.0970, -14.5190



Tritanopia

52.9000, 59.6000, 21.2000

Trichromacy



Original Color

51.7940, 65.4700, 13.9340

Protanomaly

57.8130, 36.9550, -3.4370

Deuteranomaly

57.2930, 44.2910, -4.2290

Tritanomaly

52.6890, 61.5720, 18.5000

Monochromacy



Original Color

51.7940, 65.4700, 13.9340

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

51.8520, 24.0240, 5.1440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.7940, 65.4700, 13.9340 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(123, 25, 3)` looks like.

```
.text, #text, p{  
    color:rgb(123, 25, 3)  
}
```

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(123, 25, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 25, 3) }
```

Border

The CSS property to change the border of an element to YIQ 51.7940, 65.4700, 13.9340 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(123, 25, 3) }
```


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

```
.border{ border-color:rgb(123, 25, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 25, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 25, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 25, 3);  
box-shadow:4px 4px 4px 4px rgb(123, 25, 3)  
}
```

Background

The CSS property to change the background color of an element to YIQ 51.7940, 65.4700, 13.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 25, 3) }
```

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

```
.background{ background-color: rgb(123, 25,  
3) }
```

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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