

Converting Colors

YIQ(71.2540, 93.8940, 27.4460)

Have a look what the booklet for
YIQ(71.2540, 93.8940, 27.4460)
contains.

YIQ(71.2540, 93.8940, 27.4460)	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(71.2540, 93.8940,
27.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	B21C0E
RGB	178, 28, 14
RGB Percent	70%, 11%, 5%
CMY	0.3016, 0.8904, 0.9447
CMYK	0.00, 0.84, 0.92, 0.30
HSL	5°, 85%, 38%
HSV	5°, 92%, 70%
XYZ	18.8742, 10.3350, 1.4190
YIQ	71.2540, 93.8940, 27.4460

Conversions

Conversions Part 2

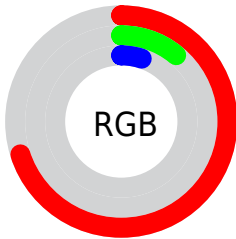
Format	Color
R _Y B	178, 29, 14
Decimal	11672590
CIE Lab	38.44, 57.06, 46.79
CIE LCh	38, 73.795, 39.351
Yxy	10.3350, 0.6162, 0.3374
Android (android.graphics.Color)	4289862670 (0xFFB21C0E)
YUV	71.2540, -28.2262, 93.6162
Hunter-Lab	32.1481, 48.5385, 19.8866

Details

The YIQ color **71.2540, 93.8940, 27.4460** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **120.7460, -93.8940, -27.4460**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **132.1420, 99.9010, 23.2050**, and **34.6840, 69.1360, 24.5920** is the 20% darker color. If you saturate the color by 10%, you get **62.0270, 101.9630, 29.8910**, and if you desaturate by 10%, it is **82.6980, 83.7160, 24.6760**.

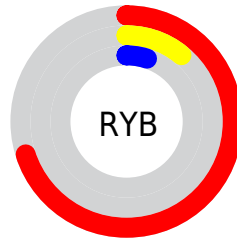
Distribution



Red (70%)

Green (11%)

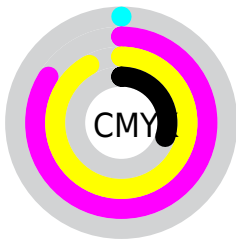
Blue (5%)



Red (70%)

Yellow (11%)

Blue (5%)

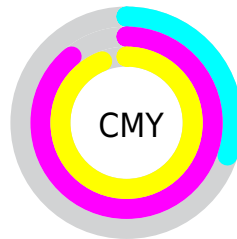


Cyan (0%)

Magenta (84%)

Yellow (92%)

Black (30%)



Cyan (30%)


Magenta (89%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 71.2540, 93.8940, 27.4460 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 71.2540, 93.8940, 27.4460 by changing the saturation by 10% instead.


 71.2540, 93.8940,
27.4460


 71.2540, 93.8940,
27.4460


 254.0880, 2.5680,
-2.4880


 43.9530, 87.6120,
31.1640


 132.1420, 99.9010,
23.2050


 34.6840, 69.1360,
24.5920


 154.6140, 92.5200,
19.3040


 25.4150, 50.6600,
18.0200

 173.9000, 76.7950,
12.4350

 17.5700, 33.9260,
12.9180

 193.8870, 60.4740,
5.3540

 5.0830, 10.1320,
3.6040

 213.4010, 44.1070,
-0.8930

 0.0000, 0.0000,
0.0000

 233.5020, 27.4650,

-7.6630

■ 250.7820, 11.8770,
-11.5070

■ 71.2540, 93.8940,
27.4460

■ 71.2540, 93.8940,
27.4460

■ 62.0270, 101.9630,
29.8910

■ 82.6980, 83.7160,
24.6760

■ 94.7290, 73.2630,
21.3830

■ 106.1730, 63.0850,
18.6130

■ 117.5030, 53.2280,
15.5320

■ 128.9470, 43.0500,
12.7620

■ 140.9780, 32.5970,
9.4690

■ 152.4220, 22.4190,
6.6990

■ 163.8660, 12.2410,
3.9290

■ 175.7830, 2.1090,
0.3250

Harmonies

Analogous

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



65.6590, 89.7610, 63.8170



71.2540, 93.8940, 27.4460



84.7330, 66.2990, -6.6050

Triad

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



71.2540, 93.8940, 27.4460



70.8740, -45.2450, -44.5810



78.6450, -93.3060, 16.9820

Complementary

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



71.2540, 93.8940, 27.4460



120.7460, -93.8940, -27.4460

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.



86.6520, -95.1840, 6.9600



71.2540, 93.8940, 27.4460



79.2300, -66.0180, -26.0340

Square

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



71.2540, 93.8940, 27.4460



63.4180, -26.7660, -54.5900



85.8420, -84.6360, -7.9960



90.9610, -11.1500, 47.9060

Rectangle

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



71.2540, 93.8940, 27.4460



85.1440, 42.5520, -22.2800



85.8420, -84.6360, -7.9960



82.9820, -95.8730, 13.9430

Sweetspot

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



71.2540, 93.8940, 27.4460



189.9570, 37.0900, 10.6420



80.1360, 49.5940, 81.4180



91.3080, 22.7400, 6.3880



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



71.2540, 93.8940, 27.4460



81.1080, 132.7720, 38.7240



119.3880, 71.3440, -15.4400



83.2780, 5.0890, 1.3850



53.3780, 87.6130, 25.6370



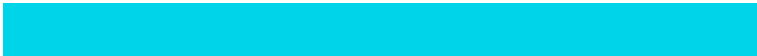
8.9480, 14.9460, 4.4660

Inverse Universe

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



120.7460, -93.8940, -27.4460



150.8920, -132.7720, -38.7240



72.6120, -71.3440, 15.4400



85.7220, -5.0890, -1.3850



99.6220, -87.6130, -25.6370



16.4650, -14.6710, -3.9430

Previews

White Background



This preview shows how the YIQ color 71.2540, 93.8940, 27.4460 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



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 71.2540, 93.8940, 27.4460

Background



This preview shows how black text looks on a background with the YIQ color 71.2540, 93.8940, 27.4460.



This preview shows how white text looks on a background with the YIQ color 71.2540, 93.8940,

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

71.2540, 93.8940, 27.4460

Protanopia

88.1070, 26.7790, -17.2610

Deuteranopia

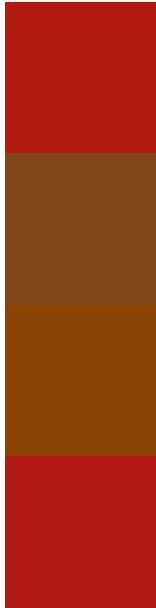
85.7530, 45.2110, -20.9090



Tritanopia

71.9210, 90.6380, 31.3900

Trichromacy



Original Color

71.2540, 93.8940, 27.4460

Protanomaly

82.1090, 50.8010, -1.0630

Deuteranomaly

80.8730, 63.0890, -3.4950

Tritanomaly

71.4650, 91.9220, 30.1460

Monochromacy



Original Color

71.2540, 93.8940, 27.4460

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

70.8750, 34.3850, 10.1050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.2540, 93.8940, 27.4460 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(178, 28, 14)` looks like.

```
.text, #text, p{  
    color:rgb(178, 28, 14)  
}
```

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(178, 28, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 28, 14) }
```

Border

The CSS property to change the border of an element to YIQ 71.2540, 93.8940, 27.4460 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(178, 28, 14) }
```


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

```
.border{ border-color:rgb(178, 28, 14) }
```

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

Here you see how a box with a 4 pixel rgb(178, 28, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 28, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 28, 14);  
box-shadow:4px 4px 4px 4px rgb(178, 28,  
14) }
```

Background

The CSS property to change the background color of an element to YIQ 71.2540, 93.8940, 27.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 28, 14) }
```

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

```
.background{ background-color: rgb(178, 28,  
14) }
```

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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