

Converting Colors

YIQ(73.3540, 123.6920, 49.1000)

Have a look what the booklet for
YIQ(73.3540, 123.6920, 49.1000)
contains.

YIQ(73.3540, 123.6920, 49.1000)	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(73.3540, 123.6920,
49.1000)**

Conversions

Conversions Part 1

Format	Color
Hex	DE0814
RGB	222, 8, 20
RGB Percent	87%, 3%, 8%
CMY	0.1289, 0.9688, 0.9211
CMYK	0.00, 0.96, 0.91, 0.13
HSL	357°, 93%, 45%
HSV	357°, 96%, 87%
XYZ	30.3778, 15.7731, 2.1110
YIQ	73.3540, 123.6920, 49.1000

Conversions

Conversions Part 2

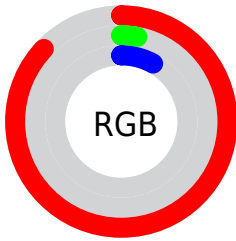
Format	Color
RYB	222, 8, 20
Decimal	14551060
CIELab	46.68, 71.70, 54.33
CIElCh	47, 89.963, 37.153
Yxy	15.7731, 0.6294, 0.3268
Android (android.graphics.Color)	4292741140 (0xFFDE0814)
YUV	73.3540, -26.3035, 130.3625
Hunter-Lab	39.7153, 67.0308, 24.6493

Details

The YIQ color **73.3540, 123.6920, 49.1000** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **156.6460, -123.6920, -49.1000**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4140, 105.1270, 27.6150**, and **46.6440, 92.9760, 33.0720** is the 20% darker color. If you saturate the color by 10%, you get **67.8600, 128.1390, 51.1070**, and if you desaturate by 10%, it is **88.6620, 110.9010, 44.1250**.

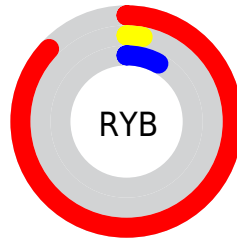
Distribution



Red (87%)

Green (3%)

Blue (8%)



Red (87%)

Yellow (3%)

Blue (8%)

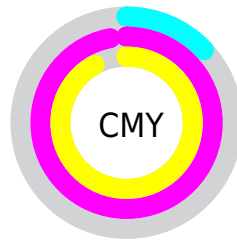


Cyan (0%)

Magenta (96%)

Yellow (91%)

Black (13%)



Cyan (13%)


Magenta (97%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 73.3540, 123.6920, 49.1000 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 73.3540, 123.6920, 49.1000 by changing the saturation by 10% instead.


 73.3540, 123.6920,
49.1000

 73.3540, 123.6920,
49.1000


255.0000, -0.0000,
-0.0000


 56.5110, 112.6440,
40.0680


 137.4140,
105.1270, 27.6150


 46.9430, 93.5720,
33.2840


 157.8740, 88.8520,
19.7000


 37.0760, 73.9040,
26.2880


 178.3340, 72.5770,
11.7850

 28.0350, 54.7860,
20.3380

 198.3210, 56.2560,
4.7040

 19.1790, 36.5850,
14.2890

 219.0090, 39.3390,
-2.5890


 8.4860, 16.3670,
6.2470


 239.8110, 22.1010,


 0.0000, 0.0000,


-9.5710


0.0000


 251.8080, 8.9880,
-8.7080


 73.3540, 123.6920,
49.1000


 73.3540, 123.6920,
49.1000


 67.8600, 128.1390,
51.1070

 88.6620, 110.9010,
44.1250

 103.9700, 98.1100,
39.1500

 119.8650, 85.0440,
33.6520

 135.1730, 72.2530,
28.6770

 150.4810, 59.4620,
23.7020

■ 165.7890, 46.6710,
18.7270

■ 181.0970, 33.8800,
13.7520

■ 196.9920, 20.8140,
8.2540

■ 212.3000, 8.0230,
3.2790

Harmonies

Analogous

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



81.5080, 109.8400, 79.8880



73.3540, 123.6920, 49.1000



102.5410, 84.4550, -5.2490

Triad

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



73.3540, 123.6920, 49.1000



85.6630, -52.4410, -57.3450



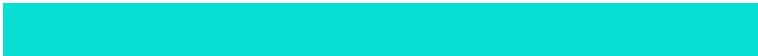
97.1620, -113.7550, 18.6370

Complementary

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



73.3540, 123.6920, 49.1000



156.6460, -123.6920, -49.1000

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.



107.3860, -117.7420, 8.2900



73.3540, 123.6920, 49.1000



96.7720, -79.5880, -33.4120

Square

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



73.3540, 123.6920, 49.1000



78.4030, -31.5780, -66.5060



105.0940, -103.0210, -10.7090



109.7230, -21.7430, 58.1690

Rectangle

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



73.3540, 123.6920, 49.1000



104.3810, 54.8860, -25.5460



105.0940, -103.0210, -10.7090



101.8580, -115.9550, 14.4530

Sweetspot

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



73.3540, 123.6920, 49.1000



203.5820, 42.8200, 16.9320



92.1960, 50.5060, 108.9540



96.6830, 26.1780, 10.1620



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.



73.3540, 123.6920, 49.1000



77.8410, 147.4860, 58.4140



126.5770, 101.9690, -3.2710



104.4030, 6.2350, 2.6430



53.7640, 101.6860, 40.4220



14.6940, 27.6450, 11.1090

Inverse Universe

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



73.3540, 123.6920, 49.1000



77.8410, 147.4860, 58.4140



103.4230, -101.9690, 3.2710



104.4030, 6.2350, 2.6430



53.7640, 101.6860, 40.4220



14.6940, 27.6450, 11.1090

Previews

White Background



This preview shows how the YIQ color 73.3540, 123.6920, 49.1000 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 73.3540, 123.6920, 49.1000 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 73.3540, 123.6920, 49.1000

Background



This preview shows how black text looks on a background with the YIQ color 73.3540, 123.6920, 49.1000.



This preview shows how white text looks on a background with the YIQ color 73.3540, 123.6920,

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

73.3540, 123.6920, 49.1000

Protanopia

107.6790, 30.8600, -19.6360

Deuteranopia

105.2670, 55.2070, -25.8570



Tritanopia

77.8190, 126.2160, 36.3920

Trichromacy



Original Color

73.3540, 123.6920, 49.1000

Protanomaly

95.0400, 64.4170, 5.4810

Deuteranomaly

93.6040, 80.1440, 1.2960

Tritanomaly

76.2690, 125.0690, 40.6610

Monochromacy



Original Color

73.3540, 123.6920, 49.1000

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

72.8920, 44.8830, 18.0910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.3540, 123.6920, 49.1000 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(222, 8, 20)` looks like.

```
.text, #text, p{  
    color:rgb(222, 8, 20)  
}
```

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(222, 8, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 8, 20) }
```

Border

The CSS property to change the border of an element to YIQ 73.3540, 123.6920, 49.1000 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(222, 8, 20) }
```


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

```
.border{ border-color:rgb(222, 8, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 8, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 8, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 8, 20);  
box-shadow:4px 4px 4px 4px rgb(222, 8, 20)  
}
```

Background

The CSS property to change the background color of an element to YIQ 73.3540, 123.6920, 49.1000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 8, 20) }
```

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

```
.background{ background-color: rgb(222, 8,  
20) }
```

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