

Converting Colors

YIQ(74.3920, 129.6970, 55.9130)

Have a look what the booklet for
YIQ(74.3920, 129.6970, 55.9130)
contains.

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Color

**YIQ(74.3920, 129.6970,
55.9130)**

Conversions

Conversions Part 1

Format	Color
Hex	E9031A
RGB	233, 3, 26
RGB Percent	91%, 1%, 10%
CMY	0.0857, 0.9884, 0.8975
CMYK	0.00, 0.99, 0.89, 0.09
HSL	354°, 98%, 46%
HSV	354°, 99%, 91%
XYZ	33.8704, 17.4859, 2.5747
YIQ	74.3920, 129.6970, 55.9130

Conversions

Conversions Part 2

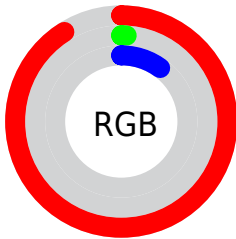
Format	Color
RYB	233, 3, 26
Decimal	15270682
CIELab	48.87, 74.89, 54.43
CIELCh	49, 92.581, 36.012
Yxy	17.4859, 0.6280, 0.3242
Android (android.graphics.Color)	4293460762 (0xFFE9031A)
YUV	74.3920, -23.8573, 139.0992
Hunter-Lab	41.8162, 71.4038, 25.6208

Details

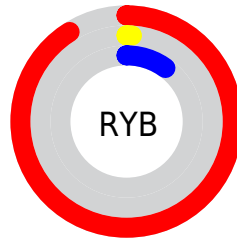
The YIQ color **74.3920, 129.6970, 55.9130** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **161.6080, -129.6970, -55.9130**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.2720, 102.6510, 28.4350**, and **49.9330, 99.5320, 35.4040** is the 20% darker color. If you saturate the color by 10%, you get **72.2890, 131.4850, 56.5490**, and if you desaturate by 10%, it is **90.2870, 116.6310, 50.4150**.

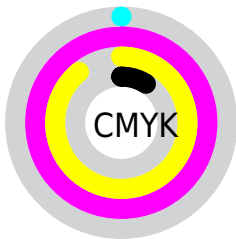
Distribution



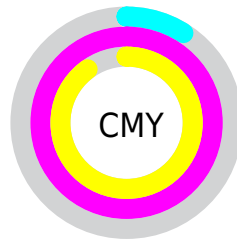
- Red (91%)
- Green (1%)
- Blue (10%)



- Red (91%)
- Yellow (1%)
- Blue (10%)



- Cyan (0%)
- Magenta (99%)
- Yellow (89%)
- Black (9%)





- Cyan (9%)
- Magenta (99%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.3920, 129.6970, 55.9130 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 74.3920, 129.6970, 55.9130 by changing the saturation by 10% instead.


 74.3920, 129.6970,
55.9130


 74.3920, 129.6970,
55.9130


255.0000, -0.0000,
-0.0000


 60.0280, 118.5580,
43.0220


 139.2720,
102.6510, 28.4350


 49.9330, 99.5320,
35.4040


 159.6180, 86.6970,
20.2090


 40.0660, 79.8640,
28.4080


 180.1920, 70.1010,
12.6050

 30.7260, 60.1500,
22.2460

 200.7660, 53.5050,
5.0010

 22.2830, 42.2240,
16.7200

 221.4540, 36.5880,
-2.2920

 12.0740, 23.5190,
8.7910


 242.2560, 19.3500,


 0.0000, 0.0000,


-9.2740


0.0000

 252.6060, 6.7410,
-6.5310


 74.3920, 129.6970,
55.9130


 74.3920, 129.6970,
55.9130


 72.2890, 131.4850,
56.5490

 90.2870, 116.6310,
50.4150

 106.7690,
103.2900, 44.3940

 122.6640, 90.2240,
38.8960

 138.5590, 77.1580,
33.3980

 155.0410, 63.8170,
27.3770

■ 170.9360, 50.7510,
21.8790

■ 186.8310, 37.6850,
16.3810

■ 202.7260, 24.6190,
10.8830

■ 219.2080, 11.2780,
4.8620

Harmonies

Analogous

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



85.4100, 113.2320, 84.4960



74.3920, 129.6970, 55.9130



107.2920, 89.5900, -4.6980

Triad

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



74.3920, 129.6970, 55.9130



89.0710, -53.7700, -60.7940



101.2710, -115.6800, 14.9760

Complementary

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



74.3920, 129.6970, 55.9130



161.6080, -129.6970, -55.9130

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.



111.8370, -120.6300, 5.5620



74.3920, 129.6970, 55.9130



100.6360, -82.2010, -35.6170

Square

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



74.3920, 129.6970, 55.9130



86.4210, -22.8210, -65.5170



110.0010, -107.1930, -12.1930



115.4990, -26.9240, 58.4520

Rectangle

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



74.3920, 129.6970, 55.9130



109.7190, 59.7460, -25.5180



110.0010, -107.1930, -12.1930



105.9670, -117.8800, 10.7920

Sweetspot

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



74.3920, 129.6970, 55.9130



202.5220, 43.0490, 18.2890



89.9170, 47.1580, 114.5660



96.2100, 26.1320, 10.9960



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.



74.3920, 129.6970, 55.9130



79.2090, 143.6340, 62.1460



123.4260, 112.8800, 2.7360



109.4030, 6.2350, 2.6430



56.1710, 102.0980, 43.9700



16.7160, 30.5790, 13.0030

Inverse Universe

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



74.3920, 129.6970, 55.9130



79.2090, 143.6340, 62.1460



112.5740, -112.8800, -2.7360



109.4030, 6.2350, 2.6430



56.1710, 102.0980, 43.9700



16.7160, 30.5790, 13.0030

Previews

White Background



This preview shows how the YIQ color 74.3920, 129.6970, 55.9130 looks on a white background.

Color Contrast Check

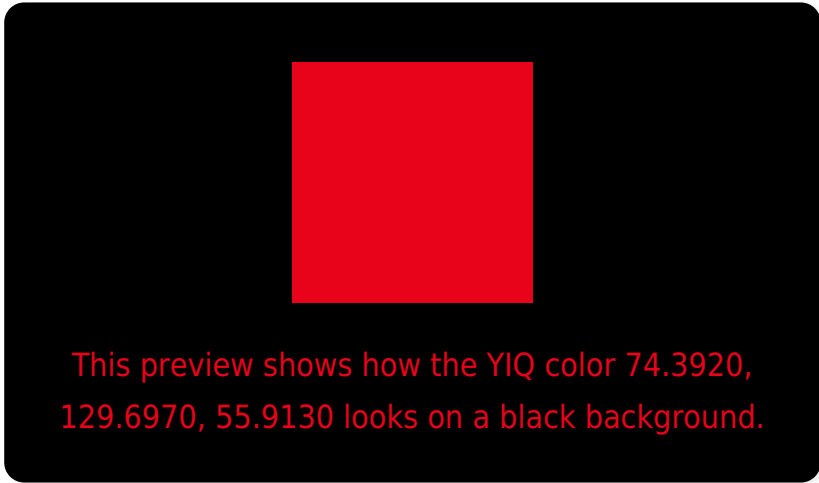
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.3920, 129.6970, 55.9130

Background



This preview shows how black text looks on a background with the YIQ color 74.3920, 129.6970, 55.9130.



This preview shows how white text looks on a background with the YIQ color 74.3920, 129.6970,

55.9130.

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

74.3920, 129.6970, 55.9130

Protanopia

113.7930, 30.5390, -19.3250

Deuteranopia

110.2950, 58.0040, -26.9880



Tritanopia

81.6950, 132.4970, 38.2010

Trichromacy



Original Color

74.3920, 129.6970, 55.9130

Protanomaly

99.2900, 66.7090, 7.9970

Deuteranomaly

97.2240, 84.2700, 3.6140

Tritanomaly

78.7260, 131.2120, 44.9720

Monochromacy



Original Color

74.3920, 129.6970, 55.9130

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.1420, 47.1750, 20.6070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.3920, 129.6970, 55.9130 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(233, 3, 26)` looks like.

```
.text, #text, p{  
    color:rgb(233, 3, 26)  
}
```

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(233, 3, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 3, 26) }
```

Border

The CSS property to change the border of an element to YIQ 74.3920, 129.6970, 55.9130 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(233, 3, 26) }
```


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

```
.border{ border-color:rgb(233, 3, 26) }
```

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

Here you see how a box with a 4 pixel rgb(233, 3, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 3, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 3, 26);  
box-shadow:4px 4px 4px 4px rgb(233, 3, 26)  
}
```

Background

The CSS property to change the background color of an element to YIQ 74.3920, 129.6970, 55.9130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 3, 26) }
```

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

```
.background{ background-color: rgb(233, 3,  
26) }
```

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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