

Converting Colors

YIQ(75.9460, 151.3840, 53.8480)

Have a look what the booklet for
YIQ(75.9460, 151.3840, 53.8480)
contains.

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Color

**YIQ(75.9460, 151.3840,
53.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	FE0000
RGB	254, 0, 0
RGB Percent	100%, 0%, 0%
CMY	0.0033, 0.9997, 0.9994
CMYK	0.00, 1.00, 1.00, 0.00
HSL	360°, 100%, 50%
HSV	360°, 100%, 100%
XYZ	40.9303, 21.1003, 1.9199
YIQ	75.9460, 151.3840, 53.8480

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 0, 0
Decimal	16646144
CIE _{Lab}	53.06, 79.91, 67.01
CIE _{LCh}	53, 104.288, 39.983
Yxy	21.1003, 0.6400, 0.3299
Android (android.graphics.Color)	4294836224 (0xFFFE0000)
YUV	75.9460, -37.4414, 156.1534
Hunter-Lab	45.9350, 78.6659, 29.6764

Details

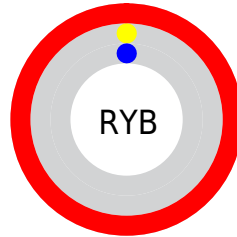
The YIQ color **75.9460, 151.3840, 53.8480** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **178.0540, -151.3840, -53.8480**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.2090, 106.9620, 21.8900**, and **55.6140, 110.8560, 39.4320** is the 20% darker color. If you saturate the color by 10%, you get **75.9460, 151.3840, 53.8480**, and if you desaturate by 10%, it is **93.5850, 136.1630, 48.8590**.

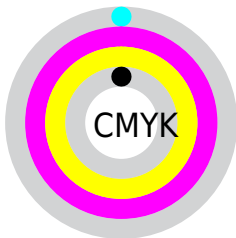
Distribution



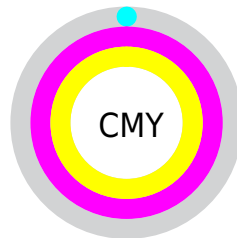
- Red (100%)
- Green (0%)
- Blue (0%)



- Red (100%)
- Yellow (0%)
- Blue (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 75.9460, 151.3840, 53.8480 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 75.9460, 151.3840, 53.8480 by changing the saturation by 10% instead.


 75.9460, 151.3840,
53.8480


 75.9460, 151.3840,
53.8480


 254.3160, 1.9260,
-1.8660


 65.7800, 131.1200,
46.6400


 139.3230,
106.6410, 22.2010


 55.6140, 110.8560,
39.4320


 160.9570, 89.8160,
13.2400


 45.7470, 91.1880,
32.4360


 181.5310, 73.2200,
5.6360

 35.9940, 71.1990,
25.7510

 202.6920, 56.3490,
-2.4910

 27.0670, 51.7600,
20.1120

 223.4940, 39.1110,
-9.4730


 17.2710, 33.3300,
12.7060


 244.1820, 22.1940,


 5.0830, 10.1320,


-16.7660


3.6040


 251.0100, 11.2350,
-10.8850


 0.0000, 0.0000,
0.0000


 75.9460, 151.3840,
53.8480

 93.5850, 136.1630,
48.8590

 111.6970,
120.9880, 43.0360

 129.2220,
106.0880, 37.7360

 147.4480, 90.5920,
32.2240

 164.9730, 75.6920,
26.9240

■ 183.1990, 60.1960,
21.4120

■ 200.7240, 45.2960,
16.1120

■ 218.2490, 30.3960,
10.8120

■ 236.4750, 14.9000,
5.3000

Harmonies

Analogous

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



87.8730, 119.2380, 85.7820



75.9460, 151.3840, 53.8480



117.9240, 93.4420, -8.4300

Triad

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



75.9460, 151.3840, 53.8480



99.4720, -62.3890, -64.2850



105.9670, -117.8800, 10.7920

Complementary

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



75.9460, 151.3840, 53.8480



178.0540, -151.3840, -53.8480

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.



119.4680, -124.2050, -1.2370



75.9460, 151.3840, 53.8480



112.2910, -94.3510, -35.6870

Square

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



75.9460, 151.3840, 53.8480



88.0500, -41.2500, -78.4500



122.0950, -121.9570, -8.9410



123.5600, -10.5580, 70.2260

Rectangle

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



75.9460, 151.3840, 53.8480



119.1330, 58.2800, -31.9920



122.0950, -121.9570, -8.9410



111.8370, -120.6300, 5.5620

Sweetspot

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



75.9460, 151.3840, 53.8480



201.7240, 45.2960, 16.1120



103.7060, 67.4660, 131.9940



95.7540, 27.4160, 9.7520



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.



75.9460, 151.3840, 53.8480



76.2450, 151.9800, 54.0600



148.1470, 117.5590, -10.4810



118.8870, 7.7480, 2.7560



57.1090, 113.8360, 40.4920



19.1360, 38.1440, 13.5680

Inverse Universe

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



75.9460, 151.3840, 53.8480



76.2450, 151.9800, 54.0600



105.8530, -117.5590, 10.4810



118.8870, 7.7480, 2.7560



57.1090, 113.8360, 40.4920



19.1360, 38.1440, 13.5680

Previews

White Background



This preview shows how the YIQ color 75.9460, 151.3840, 53.8480 looks on a white background.

Color Contrast Check

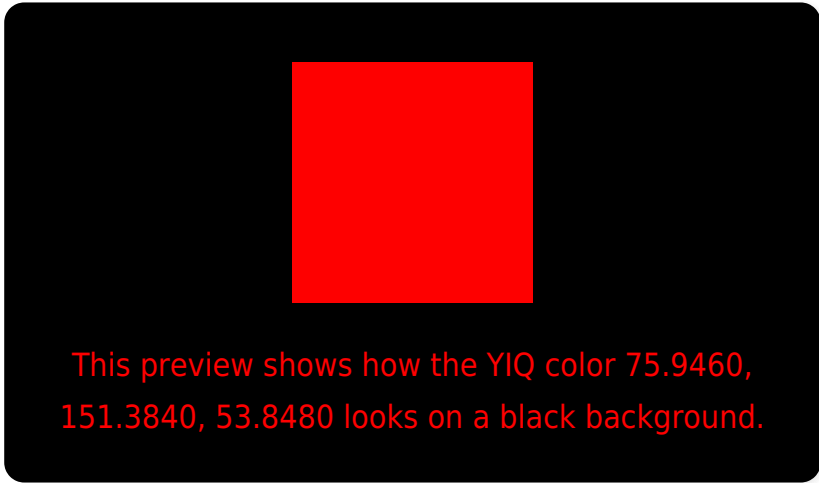
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

YIQ 75.9460, 151.3840, 53.8480

Background



This preview shows how black text looks on a background with the YIQ color 75.9460, 151.3840, 53.8480.



This preview shows how white text looks on a background with the YIQ color 75.9460, 151.3840,

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

75.9460, 151.3840, 53.8480

Protanopia

121.9540, 40.0310, -26.1530

Deuteranopia

120.0520, 63.0020, -29.4620



Tritanopia

89.4360, 143.5920, 40.8720

Trichromacy



Original Color

75.9460, 151.3840, 53.8480

Protanomaly

104.9570, 80.6480, 3.1760

Deuteranomaly

104.3900, 95.3660, 0.7580

Tritanomaly

84.4520, 146.6630, 45.7910

Monochromacy



Original Color

75.9460, 151.3840, 53.8480

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.8070, 55.4280, 19.7160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.9460, 151.3840, 53.8480 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(254, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(254, 0, 0)  
}
```

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(254, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 0, 0) }
```

Border

The CSS property to change the border of an element to YIQ 75.9460, 151.3840, 53.8480 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(254, 0, 0) }
```


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

```
.border{ border-color:rgb(254, 0, 0) }
```

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

Here you see how a box with a 4 pixel rgb(254, 0, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(254, 0, 0); box-shadow:4px  
4px 4px 4px rgb(254, 0, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 75.9460, 151.3840, 53.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 0, 0) }
```

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

```
.background{ background-color: rgb(254, 0,  
0) }
```

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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