

Converting Colors

YIQ(77.2580, 141.9380, 59.8420)

Have a look what the booklet for
YIQ(77.2580, 141.9380, 59.8420)
contains.

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Color

**YIQ(77.2580, 141.9380,
59.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	FA0016
RGB	250, 0, 22
RGB Percent	98%, 0%, 9%
CMY	0.0190, 0.9997, 0.9132
CMYK	0.00, 1.00, 0.91, 0.02
HSL	355°, 100%, 49%
HSV	355°, 100%, 98%
XYZ	39.6261, 20.4111, 2.6173
YIQ	77.2580, 141.9380, 59.8420

Conversions

Conversions Part 2

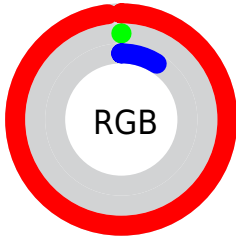
Format	Color
RYB	250, 0, 22
Decimal	16384022
CIELab	52.30, 79.13, 60.04
CIELCh	52, 99.329, 37.187
Yxy	20.4111, 0.6325, 0.3258
Android (android.graphics.Color)	4294574102 (0xFFFA0016)
YUV	77.2580, -27.2422, 151.4947
Hunter-Lab	45.1787, 77.4993, 28.1902

Details

The YIQ color **77.2580, 141.9380, 59.8420** 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 **172.7420, -141.9380, -59.8420**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.6910, 102.7890, 25.9330**, and **54.7170, 109.0680, 38.7960** is the 20% darker color. If you saturate the color by 10%, you get **77.2580, 141.9380, 59.8420**, and if you desaturate by 10%, it is **94.5550, 127.6800, 53.9200**.

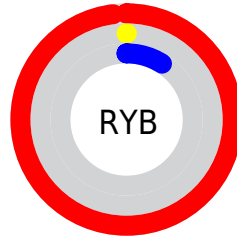
Distribution



Red (98%)

Green (0%)

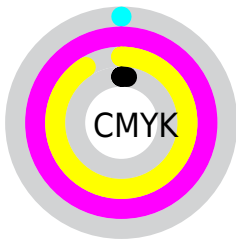
Blue (9%)



Red (98%)

Yellow (0%)

Blue (9%)

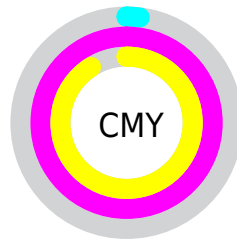


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (2%)



Cyan (2%)


Magenta (100%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 77.2580, 141.9380, 59.8420 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 77.2580, 141.9380, 59.8420 by changing the saturation by 10% instead.


 77.2580, 141.9380,
59.8420


 77.2580, 141.9380,
59.8420


255.0000, -0.0000,
-0.0000


 64.5840, 128.7360,
45.7920


 140.8050,
102.4680, 26.2440


 54.7170, 109.0680,
38.7960


 161.8520, 85.9180,
17.8060


 44.8500, 89.4000,
31.8000


 182.3120, 69.6430,
9.8910

 35.2110, 69.0900,
25.4260

 203.5870, 52.4510,
2.0750

 26.1700, 49.9720,
19.4760

 224.2750, 35.5340,
-5.2180


 16.3740, 31.5420,
12.0700

 245.0770, 18.2960,


 2.0930, 4.1720,


-12.2000


1.4840


 252.3780, 7.3830,
-7.1530


 0.0000, 0.0000,
0.0000


 77.2580, 141.9380,
59.8420

 94.5550, 127.6800,
53.9200

 111.8520,
113.4220, 47.9980

 129.1490, 99.1640,
42.0760

 146.3320, 85.2270,
35.8430

 163.6290, 70.9690,
29.9210

■ 180.9260, 56.7110,
23.9990

■ 198.2230, 42.4530,
18.0770

■ 215.5200, 28.1950,
12.1550

■ 232.7030, 14.2580,
5.9220

Harmonies

Analogous

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



88.6710, 116.9910, 87.9590



77.2580, 141.9380, 59.8420



115.8750, 95.1380, -6.1260

Triad

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



77.2580, 141.9380, 59.8420



96.2120, -58.7210, -64.6810



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.



77.2580, 141.9380, 59.8420



172.7420, -141.9380, -59.8420

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.



117.7070, -123.3800, 0.3320



77.2580, 141.9380, 59.8420



109.1620, -89.6740, -37.8500

Square

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



77.2580, 141.9380, 59.8420



85.7020, -40.1500, -76.3580



118.6240, -116.3170, -12.0370



122.8850, -22.0190, 63.1730

Rectangle

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



77.2580, 141.9380, 59.8420



117.3940, 62.0390, -28.5290



118.6240, -116.3170, -12.0370



111.2500, -120.3550, 6.0850

Sweetspot

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



77.2580, 141.9380, 59.8420



202.4080, 43.3700, 17.9780



95.7750, 53.8500, 125.4500



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.



77.2580, 141.9380, 59.8420



78.8670, 144.5970, 61.2130



133.4500, 121.5000, 0.7000



116.1150, 7.1060, 3.3780



58.4490, 107.1870, 45.3550



18.8090, 34.7510, 14.4870

Inverse Universe

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



77.2580, 141.9380, 59.8420



78.8670, 144.5970, 61.2130



116.5500, -121.5000, -0.7000



116.1150, 7.1060, 3.3780



58.4490, 107.1870, 45.3550



18.8090, 34.7510, 14.4870

Previews

White Background



This preview shows how the YIQ color 77.2580, 141.9380, 59.8420 looks on a white background.

Color Contrast Check

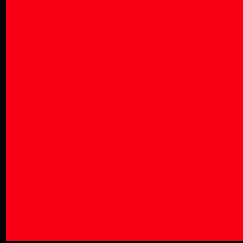
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 77.2580, 141.9380, 59.8420 looks on a 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 77.2580, 141.9380, 59.8420

Background



This preview shows how black text looks on a background with the YIQ color 77.2580, 141.9380, 59.8420.



This preview shows how white text looks on a background with the YIQ color 77.2580, 141.9380,

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

77.2580, 141.9380, 59.8420

Protanopia

121.7240, 34.9870, -22.8450

Deuteranopia

117.9810, 61.7640, -29.0520



Tritanopia

87.6530, 141.4830, 40.5470

Trichromacy



Original Color

77.2580, 141.9380, 59.8420

Protanomaly

105.7700, 74.0450, 7.2050

Deuteranomaly

102.9320, 90.9640, 3.4440

Tritanomaly

84.1680, 141.7110, 47.4310

Monochromacy



Original Color

77.2580, 141.9380, 59.8420

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.1210, 51.6680, 21.7800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.2580, 141.9380, 59.8420 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(250, 0, 22)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 22)  
}
```

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(250, 0, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 22) }
```

Border

The CSS property to change the border of an element to YIQ 77.2580, 141.9380, 59.8420 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(250, 0, 22) }
```


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

```
.border{ border-color:rgb(250, 0, 22) }
```

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

Here you see how a box with a 4 pixel rgb(250, 0, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 22);  
box-shadow:4px 4px 4px 4px rgb(250, 0, 22)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.2580, 141.9380, 59.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 22) }
```

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

```
.background{ background-color: rgb(250, 0,  
22) }
```

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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