

Converting Colors

YIQ(79.0030, 138.0420, 53.3540)

Have a look what the booklet for
YIQ(79.0030, 138.0420, 53.3540)
contains.

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Color

**YIQ(79.0030, 138.0420,
53.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	F40711
RGB	244, 7, 17
RGB Percent	96%, 3%, 7%
CMY	0.0426, 0.9727, 0.9328
CMYK	0.00, 0.97, 0.93, 0.04
HSL	357°, 95%, 49%
HSV	357°, 97%, 96%
XYZ	37.5359, 19.4498, 2.3118
YIQ	79.0030, 138.0420, 53.3540

Conversions

Conversions Part 2

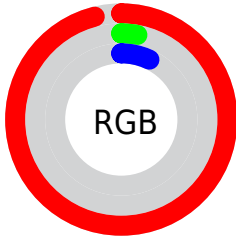
Format	Color
RYB	244, 7, 17
Decimal	15992593
CIELab	51.21, 77.14, 60.50
CIElCh	51, 98.034, 38.105
Yxy	19.4498, 0.6330, 0.3280
Android (android.graphics.Color)	4294182673 (0xFFFF40711)
YUV	79.0030, -30.5675, 144.7024
Hunter-Lab	44.1019, 74.7457, 27.7634

Details

The YIQ color **79.0030, 138.0420, 53.3540** 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 **171.9970, -138.0420, -53.3540**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **140.2350, 104.0730, 24.6890**, and **52.9230, 105.4920, 37.5240** is the 20% darker color. If you saturate the color by 10%, you get **74.0960, 142.2140, 54.8380**, and if you desaturate by 10%, it is **95.8270, 123.7380, 48.2660**.

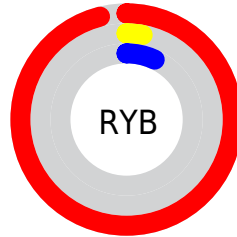
Distribution



Red (96%)

Green (3%)

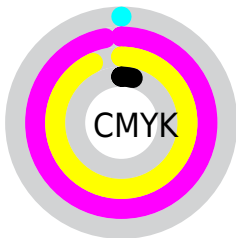
Blue (7%)



Red (96%)

Yellow (3%)

Blue (7%)

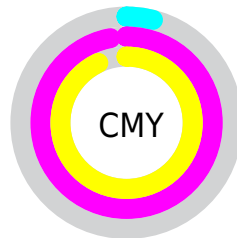


Cyan (0%)

Magenta (97%)

Yellow (93%)

Black (4%)



Cyan (4%)


Magenta (97%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 79.0030, 138.0420, 53.3540 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 79.0030, 138.0420, 53.3540 by changing the saturation by 10% instead.


 79.0030, 138.0420,
53.3540


 79.0030, 138.0420,
53.3540


255.0000, -0.0000,
-0.0000


 63.0890, 125.7560,
44.7320


 140.3490,
103.7520, 25.0000

 52.9230, 105.4920,
37.5240


 161.3960, 87.2020,
16.5620


 43.0560, 85.8240,
30.5280


 181.8560, 70.9270,
8.6470

 33.7160, 66.1100,
24.3660

 202.5440, 54.0100,
1.3540

 24.6750, 46.9920,
18.4160

 223.2320, 37.0930,
-5.9390


 14.8790, 28.5620,
11.0100


 243.9200, 20.1760,


 0.0000, 0.0000,


-13.2320


0.0000


 251.9220, 8.6670,
-8.3970

 79.0030, 138.0420,
53.3540

 79.0030, 138.0420,
53.3540


 74.0960, 142.2140,
54.8380

 95.8270, 123.7380,
48.2660

 113.1240,
109.4800, 42.3440

 129.8340, 95.4970,
36.9450

 147.2450, 80.9180,
31.3340

 163.9550, 66.9350,
25.9350

180.6650, 52.9520,
20.5360

198.0760, 38.3730,
14.9250

214.7860, 24.3900,
9.5260

232.0830, 10.1320,
3.6040

Harmonies

Analogous

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



88.1010, 118.5960, 86.4040



79.0030, 138.0420, 53.3540



113.4940, 91.8370, -6.8750

Triad

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



79.0030, 138.0420, 53.3540



94.6790, -58.5380, -62.4900



103.6190, -116.7800, 12.8840

Complementary

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



79.0030, 138.0420, 53.3540



171.9970, -138.0420, -53.3540

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.



115.9460, -122.5550, 1.9010



79.0030, 138.0420, 53.3540



106.8140, -88.5740, -35.7580

Square

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



79.0030, 138.0420, 53.3540



83.9410, -39.3250, -74.7890



116.0480, -114.5750, -10.5670



120.8360, -20.3230, 65.4770

Rectangle

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



79.0030, 138.0420, 53.3540



115.0130, 58.7380, -29.2780



116.0480, -114.5750, -10.5670



108.9020, -119.2550, 8.1770

Sweetspot

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



79.0030, 138.0420, 53.3540



203.4680, 43.1410, 16.6210



101.2930, 58.0230, 121.4070



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.



79.0030, 138.0420, 53.3540



77.4990, 148.4490, 57.4810



140.6720, 111.8270, -5.7170



113.7020, 6.8310, 2.8550



56.5260, 108.2880, 41.9200



17.9830, 34.2010, 13.4410

Inverse Universe

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



79.0030, 138.0420, 53.3540



77.4990, 148.4490, 57.4810



110.3280, -111.8270, 5.7170



113.7020, 6.8310, 2.8550



56.5260, 108.2880, 41.9200



17.9830, 34.2010, 13.4410

Previews

White Background



This preview shows how the YIQ color 79.0030, 138.0420, 53.3540 looks on a white background.

Color Contrast Check

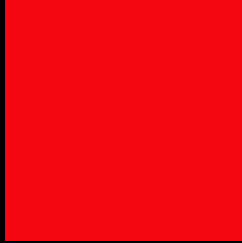
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.0030, 138.0420, 53.3540 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 79.0030, 138.0420, 53.3540

Background



This preview shows how black text looks on a background with the YIQ color 79.0030, 138.0420, 53.3540.



This preview shows how white text looks on a background with the YIQ color 79.0030, 138.0420,

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

79.0030, 138.0420, 53.3540

Protanopia

118.4960, 35.6290, -23.4670

Deuteranopia

115.0240, 60.2050, -28.3310

Trichromacy



Original Color

79.0030, 138.0420, 53.3540

Protanomaly

104.0040, 73.2660, 4.8020

Deuteranomaly

101.7960, 88.3510, 1.2390

Monochromacy



Original Color

79.0030, 138.0420, 53.3540

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.1700, 49.9720, 19.4760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.0030, 138.0420, 53.3540 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(244, 7, 17)` looks like.

```
.text, #text, p{  
    color:rgb(244, 7, 17)  
}
```

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(244, 7, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 7, 17) }
```

Border

The CSS property to change the border of an element to YIQ 79.0030, 138.0420, 53.3540 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(244, 7, 17) }
```

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

```
.border{ border-color:rgb(244, 7, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 7, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 7, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 7, 17);  
box-shadow:4px 4px 4px 4px rgb(244, 7, 17)  
}
```


Background

The CSS property to change the background color of an element to YIQ 79.0030, 138.0420, 53.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 7, 17) }
```

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

```
.background{ background-color: rgb(244, 7,  
17) }
```

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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