

Converting Colors

YIQ(87.9430, 138.2710, 54.7110)

Have a look what the booklet for
YIQ(87.9430, 138.2710, 54.7110)
contains.

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Color

**YIQ(87.9430, 138.2710,
54.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	FE0F1C
RGB	254, 15, 28
RGB Percent	100%, 6%, 11%
CMY	0.0033, 0.9414, 0.8897
CMYK	0.00, 0.94, 0.89, 0.00
HSL	357°, 99%, 53%
HSV	357°, 94%, 100%
XYZ	41.3076, 21.5219, 3.0842
YIQ	87.9430, 138.2710, 54.7110

Conversions

Conversions Part 2

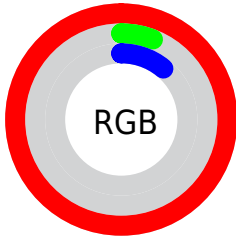
Format	Color
R_{YB}	254, 15, 28
Decimal	16650012
CIE _{Lab}	53.52, 79.10, 58.89
CIE _{LCh}	54, 98.610, 36.669
Yxy	21.5219, 0.6267, 0.3265
Android (android.graphics.Color)	4294840092 (0xFFFE0F1C)
YUV	87.9430, -29.5519, 145.6320
Hunter-Lab	46.3917, 77.7524, 28.5324

Details

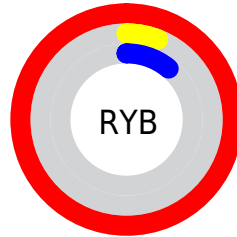
The YIQ color **87.9430, 138.2710, 54.7110** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **181.0570, -138.2710, -54.7110**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **143.7230, 99.7630, 25.7070**, and **55.9130, 111.4520, 39.6440** is the 20% darker color. If you saturate the color by 10%, you get **77.5420, 146.8900, 58.2020**, and if you desaturate by 10%, it is **105.3540, 123.6920, 49.1000**.

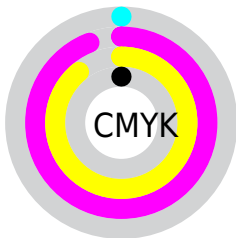
Distribution



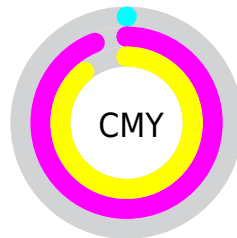
- Red (100%)
- Green (6%)
- Blue (11%)



- Red (100%)
- Yellow (6%)
- Blue (11%)



- Cyan (0%)
- Magenta (94%)
- Yellow (89%)
- Black (0%)





- Cyan (0%)
- Magenta (94%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 87.9430, 138.2710, 54.7110 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 87.9430, 138.2710, 54.7110 by changing the saturation by 10% instead.


 87.9430, 138.2710,
54.7110

 87.9430, 138.2710,
54.7110


255.0000, -0.0000,
-0.0000

 66.0080, 130.4780,
47.2620


 143.7230, 99.7630,
25.7070


 55.9130, 111.4520,
39.6440


 164.7700, 83.2130,
17.2690


 46.0460, 91.7840,
32.6480


 185.3440, 66.6170,
9.6650

 36.2930, 71.7950,
25.9630

 205.9180, 50.0210,
2.0610

 27.2520, 52.6770,
20.0130

 227.3070, 32.5080,
-5.4440

 17.5700, 33.9260,
12.9180

 247.9950, 15.5910,


 5.6810, 11.3240,


-12.7370


4.0280

 253.0620, 5.4570,
-5.2870

 0.0000, 0.0000,
0.0000


 87.9430, 138.2710,
54.7110


 87.9430, 138.2710,
54.7110


 77.5420, 146.8900,
58.2020

 105.3540,
123.6920, 49.1000

 123.3520,
108.8380, 42.9660

 140.7630, 94.2590,
37.3550

 158.7610, 79.4050,
31.2210

 176.1720, 64.8260,
25.6100

■ 193.5830, 50.2470,
19.9990

■ 211.5810, 35.3930,
13.8650

■ 228.9920, 20.8140,
8.2540

■ 246.9900, 5.9600,
2.1200

Harmonies

Analogous

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



89.1270, 115.7070, 89.2030



87.9430, 138.2710, 54.7110



118.2450, 96.9720, -6.3240

Triad

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



87.9430, 138.2710, 54.7110



98.2010, -60.1880, -65.6280



107.7280, -118.7050, 9.2230

Complementary

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



87.9430, 138.2710, 54.7110



181.0570, -138.2710, -54.7110

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.



120.0550, -124.4800, -1.7600



87.9430, 138.2710, 54.7110



111.0370, -90.8200, -39.1080

Square

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



87.9430, 138.2710, 54.7110



94.3400, -27.2670, -73.0510



120.6130, -117.7840, -12.9840



126.1190, -22.7980, 60.7700

Rectangle

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



87.9430, 138.2710, 54.7110



120.6500, 64.1940, -29.0380



120.6130, -117.7840, -12.9840



113.0110, -121.1800, 4.5160

Sweetspot

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



87.9430, 138.2710, 54.7110



205.6850, 41.0320, 16.2960



108.9230, 56.1890, 121.6050



97.4980, 25.2610, 10.2610



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.



87.9430, 138.2710, 54.7110



77.8410, 147.4860, 58.4140



147.5090, 113.8440, -3.7240



118.8870, 7.7480, 2.7560



58.3630, 110.3050, 43.9130



19.5920, 36.8600, 14.8120

Inverse Universe

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



87.9430, 138.2710, 54.7110



77.8410, 147.4860, 58.4140



121.4910, -113.8440, 3.7240



118.8870, 7.7480, 2.7560



58.3630, 110.3050, 43.9130



19.5920, 36.8600, 14.8120

Previews

White Background



This preview shows how the YIQ color 87.9430, 138.2710, 54.7110 looks on a white background.

Color Contrast Check

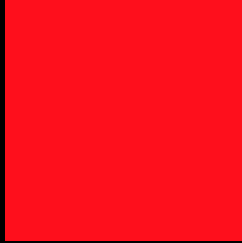
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.9430, 138.2710, 54.7110 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 87.9430, 138.2710, 54.7110

Background



This preview shows how black text looks on a background with the YIQ color 87.9430, 138.2710, 54.7110.



This preview shows how white text looks on a background with the YIQ color 87.9430, 138.2710,

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

87.9430, 138.2710, 54.7110

Protanopia

124.4790, 34.2990, -21.3890

Deuteranopia

120.0520, 63.0020, -29.4620



Tritanopia

89.1480, 144.4630, 41.6070

Trichromacy



Original Color

87.9430, 138.2710, 54.7110

Protanomaly

111.4600, 71.9820, 6.0460

Deuteranomaly

108.4650, 90.7810, 1.2530

Tritanomaly

88.5270, 142.0780, 46.2860

Monochromacy



Original Color

87.9430, 138.2710, 54.7110

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

87.5830, 50.2470, 19.9990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.9430, 138.2710, 54.7110 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, 15, 28)` looks like.

```
.text, #text, p{  
    color:rgb(254, 15, 28)  
}
```

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, 15, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 15, 28) }
```

Border

The CSS property to change the border of an element to YIQ 87.9430, 138.2710, 54.7110 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, 15, 28) }
```


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

```
.border{ border-color:rgb(254, 15, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 15, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 15, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 15, 28);  
box-shadow:4px 4px 4px 4px rgb(254, 15,  
28) }
```

Background

The CSS property to change the background color of an element to YIQ 87.9430, 138.2710, 54.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 15, 28) }
```

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

```
.background{ background-color: rgb(254, 15,  
28) }
```

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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