

Converting Colors

YIQ(88.2510, 142.6750, 40.9710)

Have a look what the booklet for
YIQ(88.2510, 142.6750, 40.9710)
contains.

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Color

**YIQ(88.2510, 142.6750,
40.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	FA1700
RGB	250, 23, 0
RGB Percent	98%, 9%, 0%
CMY	0.0191, 0.9100, 0.9994
CMYK	0.00, 0.91, 1.00, 0.02
HSL	5°, 100%, 49%
HSV	5°, 100%, 98%
XYZ	39.7777, 20.9581, 1.9531
YIQ	88.2510, 142.6750, 40.9710

Conversions

Conversions Part 2

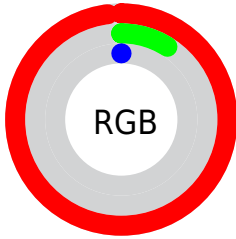
Format	Color
R_{YB}	250, 25, 0
Decimal	16389888
CIE _{Lab}	52.90, 77.00, 66.45
CIE _{LCh}	53, 101.706, 40.792
Yxy	20.9581, 0.6345, 0.3343
Android (android.graphics.Color)	4294579968 (0xFFFA1700)
YUV	88.2510, -43.5077, 141.8539
Hunter-Lab	45.7800, 74.9815, 29.5166

Details

The YIQ color **88.2510, 142.6750, 40.9710** 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 **161.7490, -142.6750, -40.9710**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.2580, 105.2660, 19.5860**, and **54.7170, 109.0680, 38.7960** is the 20% darker color. If you saturate the color by 10%, you get **88.2510, 142.6750, 40.9710**, and if you desaturate by 10%, it is **104.6020, 128.3250, 36.7170**.

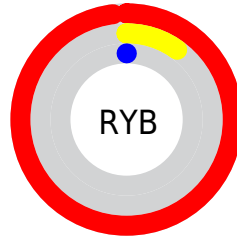
Distribution



Red (98%)

Green (9%)

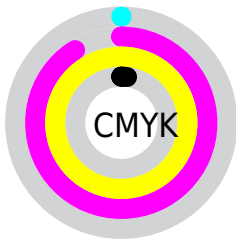
Blue (0%)



Red (98%)

Yellow (10%)

Blue (0%)

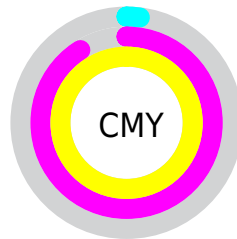


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (2%)



Cyan (2%)


Magenta (91%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 88.2510, 142.6750, 40.9710 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 88.2510, 142.6750, 40.9710 by changing the saturation by 10% instead.


 88.2510, 142.6750,
40.9710


 88.2510, 142.6750,
40.9710


 254.3160, 1.9260,
-1.8660


 64.5840, 128.7360,
45.7920


 142.2580,
105.2660, 19.5860


 54.7170, 109.0680,
38.7960


 163.4190, 88.3950,
11.4590


 44.8500, 89.4000,
31.8000


 183.8790, 72.1200,
3.5440

 35.0970, 69.4110,
25.1150

 204.5670, 55.2030,
-3.7490

 26.0560, 50.2930,
19.1650

 225.2550, 38.2860,
-11.0420


 16.6730, 32.1380,
12.2820


 246.0570, 21.0480,


 2.6910, 5.3640,


-18.0240


1.9080


 251.0100, 11.2350,
-10.8850


 0.0000, 0.0000,
0.0000


 88.2510, 142.6750,
40.9710

 104.6020,
128.3250, 36.7170

 120.3660,
114.2500, 32.9860

 136.7170, 99.9000,
28.7320

 153.0680, 85.5500,
24.4780

 169.4190, 71.2000,
20.2240

185.1830, 57.1250,
16.4930

201.5340, 42.7750,
12.2390

217.8850, 28.4250,
7.9850

234.2360, 14.0750,
3.7310

Harmonies

Analogous

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



87.6450, 119.8800, 85.1600



88.2510, 142.6750, 40.9710



117.9020, 90.5080, -10.3240

Triad

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



88.2510, 142.6750, 40.9710



99.3410, -63.3980, -62.5180



104.7930, -117.3300, 11.8380

Complementary

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



88.2510, 142.6750, 40.9710



161.7490, -142.6750, -40.9710

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.



118.2940, -123.6550, -0.1910



88.2510, 142.6750, 40.9710



111.8180, -94.3970, -34.8530

Square

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



88.2510, 142.6750, 40.9710



88.0500, -41.2500, -78.4500



121.3940, -121.3610, -8.7290



124.4570, -8.7700, 70.8620

Rectangle

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



88.2510, 142.6750, 40.9710



118.2360, 56.4920, -32.6280



121.3940, -121.3610, -8.7290



110.6630, -120.0800, 6.6080

Sweetspot

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



88.2510, 142.6750, 40.9710



205.2460, 43.6460, 12.9740



100.8560, 75.4910, 124.2190



98.1020, 26.3160, 7.6600



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.



88.2510, 142.6750, 40.9710



89.7460, 145.6550, 42.0310



160.4520, 108.8500, -23.3580



117.0610, 7.1980, 1.7100



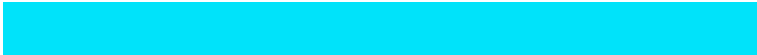
66.4900, 107.9690, 31.1770



21.7610, 34.7060, 9.7940

Inverse Universe

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



161.7490, -142.6750, -40.9710



165.2540, -145.6550, -42.0310



89.5480, -108.8500, 23.3580



120.5260, -7.4730, -2.2330



121.9230, -107.6940, -30.6540



39.8260, -34.9810, -10.3170

Previews

White Background



This preview shows how the YIQ color 88.2510, 142.6750, 40.9710 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 88.2510, 142.6750, 40.9710 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 88.2510, 142.6750, 40.9710

Background



This preview shows how black text looks on a background with the YIQ color 88.2510, 142.6750, 40.9710.



This preview shows how white text looks on a background with the YIQ color 88.2510, 142.6750,

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

88.2510, 142.6750, 40.9710

Protanopia

120.9540, 40.0310, -26.1530

Deuteranopia

118.8670, 62.0850, -29.3630



Tritanopia

89.1630, 140.1070, 43.4590

Trichromacy



Original Color

88.2510, 142.6750, 40.9710

Protanomaly

108.9410, 77.5770, -1.7430

Deuteranomaly

107.6020, 91.6530, -3.5390

Tritanomaly

88.8210, 141.0700, 42.5260

Monochromacy



Original Color

88.2510, 142.6750, 40.9710

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

87.9050, 52.0360, 15.1080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.2510, 142.6750, 40.9710 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, 23, 0)` looks like.

```
.text, #text, p{  
    color:rgb(250, 23, 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(250, 23, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 23, 0) }
```

Border

The CSS property to change the border of an element to YIQ 88.2510, 142.6750, 40.9710 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, 23, 0) }
```


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

```
.border{ border-color:rgb(250, 23, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 23, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 23, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 23, 0);  
box-shadow:4px 4px 4px 4px rgb(250, 23, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 88.2510, 142.6750, 40.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 23, 0) }
```

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

```
.background{ background-color: rgb(250, 23,  
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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