

Converting Colors

YIQ(84.1640, 147.5340, 46.5260)

Have a look what the booklet for
YIQ(84.1640, 147.5340, 46.5260)
contains.

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Color

**YIQ(84.1640, 147.5340,
46.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	FE0E00
RGB	254, 14, 0
RGB Percent	100%, 5%, 0%
CMY	0.0034, 0.9453, 0.9994
CMYK	0.00, 0.95, 1.00, 0.00
HSL	3°, 100%, 50%
HSV	3°, 100%, 100%
XYZ	41.0821, 21.4096, 1.9716
YIQ	84.1640, 147.5340, 46.5260

Conversions

Conversions Part 2

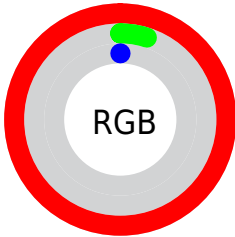
Format	Color
R_{YB}	254, 15, 0
Decimal	16649728
CIE Lab	53.39, 78.93, 67.13
CIE LCh	53, 103.613, 40.381
Yxy	21.4096, 0.6373, 0.3321
Android (android.graphics.Color)	4294839808 (0xFFFE0E00)
YUV	84.1640, -41.4929, 148.9462
Hunter-Lab	46.2705, 77.5109, 29.8630

Details

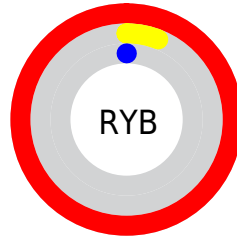
The YIQ color **84.1640, 147.5340, 46.5260** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **169.8360, -147.5340, -46.5260**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.0840, 105.8160, 20.6320**, and **55.6140, 110.8560, 39.4320** is the 20% darker color. If you saturate the color by 10%, you get **84.1640, 147.5340, 46.5260**, and if you desaturate by 10%, it is **101.2160, 132.5880, 42.0600**.

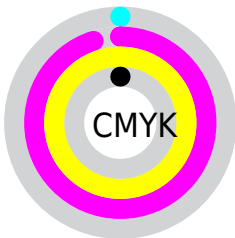
Distribution



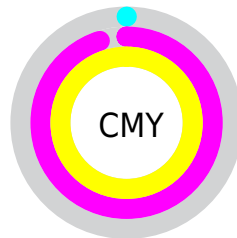
- Red (100%)
- Green (5%)
- Blue (0%)



- Red (100%)
- Yellow (6%)
- Blue (0%)



- Cyan (0%)
- Magenta (95%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (95%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 84.1640, 147.5340, 46.5260 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 84.1640, 147.5340, 46.5260 by changing the saturation by 10% instead.


 84.1640, 147.5340,
46.5260


 84.1640, 147.5340,
46.5260


 254.3160, 1.9260,
-1.8660


 65.7800, 131.1200,
46.6400


 141.0840,
105.8160, 20.6320


 55.6140, 110.8560,
39.4320


 162.2450, 88.9450,
12.5050


 45.7470, 91.1880,
32.4360


 183.4060, 72.0740,
4.3780

 35.9940, 71.1990,
25.7510

 203.9800, 55.4780,
-3.2260

 26.9530, 52.0810,
19.8010

 224.6680, 38.5610,
-10.5190


 17.5700, 33.9260,
12.9180


 246.0570, 21.0480,


 5.0830, 10.1320,


-18.0240


3.6040


 251.0100, 11.2350,
-10.8850


 0.0000, 0.0000,
0.0000


 84.1640, 147.5340,
46.5260

 101.2160,
132.5880, 42.0600

 118.1540,
117.9630, 37.2830

 135.0920,
103.3380, 32.5060

 152.1440, 88.3920,
28.0400

 169.0820, 73.7670,
23.2630

■ 186.1340, 58.8210,
18.7970

■ 203.0720, 44.1960,
14.0200

■ 220.0100, 29.5710,
9.2430

■ 237.0620, 14.6250,
4.7770

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



84.1640, 147.5340, 46.5260



119.0980, 92.8920, -9.4760

Triad

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



84.1640, 147.5340, 46.5260



100.4010, -63.6270, -63.8750



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.



84.1640, 147.5340, 46.5260



169.8360, -147.5340, -46.5260

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



84.1640, 147.5340, 46.5260



113.1060, -95.2680, -35.5880

Square

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



84.1640, 147.5340, 46.5260



88.6370, -41.5250, -78.9730



122.7960, -122.5530, -9.1530



125.0440, -9.0450, 70.3390

Rectangle

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



84.1640, 147.5340, 46.5260



119.7200, 58.0050, -32.5150



122.7960, -122.5530, -9.1530



111.8370, -120.6300, 5.5620

Sweetspot

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



84.1640, 147.5340, 46.5260



204.0720, 44.1960, 14.0200



103.4200, 74.0230, 128.7990



96.9280, 26.8660, 8.7060



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.



84.1640, 147.5340, 46.5260



84.4630, 148.1300, 46.7380



158.1260, 112.8840, -19.3720



118.8870, 7.7480, 2.7560



62.9790, 111.0860, 35.2620



20.8970, 37.3190, 11.9990

Inverse Universe

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



169.8360, -147.5340, -46.5260



170.5370, -148.1300, -46.7380



95.8740, -112.8840, 19.3720



123.5260, -7.4730, -2.2330



128.0210, -111.0860, -35.2620



42.5160, -37.0440, -11.4760

Previews

White Background



This preview shows how the YIQ color 84.1640, 147.5340, 46.5260 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 84.1640, 147.5340, 46.5260 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 84.1640, 147.5340, 46.5260

Background



This preview shows how black text looks on a background with the YIQ color 84.1640, 147.5340, 46.5260.



This preview shows how white text looks on a background with the YIQ color 84.1640, 147.5340,

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

84.1640, 147.5340, 46.5260

Protanopia

122.5410, 39.7560, -26.6760

Deuteranopia

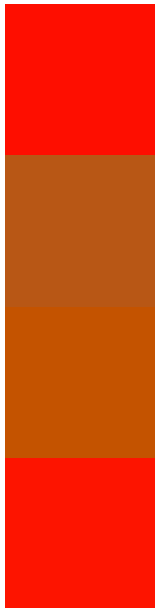
120.0520, 63.0020, -29.4620



Tritanopia

89.1480, 144.4630, 41.6070

Trichromacy



Original Color

84.1640, 147.5340, 46.5260

Protanomaly

108.4790, 78.9980, 0.0380

Deuteranomaly

107.3250, 93.9910, -1.8570

Tritanomaly

87.3870, 145.2880, 43.1760

Monochromacy



Original Color

84.1640, 147.5340, 46.5260

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.4430, 53.4570, 16.8890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.1640, 147.5340, 46.5260 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, 14, 0)` looks like.

```
.text, #text, p{  
    color:rgb(254, 14, 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, 14, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 14, 0) }
```

Border

The CSS property to change the border of an element to YIQ 84.1640, 147.5340, 46.5260 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, 14, 0) }
```


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

```
.border{ border-color:rgb(254, 14, 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, 14, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 14, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 14, 0);  
box-shadow:4px 4px 4px 4px rgb(254, 14, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 84.1640, 147.5340, 46.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 14, 0) }
```

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

```
.background{ background-color: rgb(254, 14,  
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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