

Converting Colors

YIQ(86.9180, 131.3920, 63.7440)

Have a look what the booklet for
YIQ(86.9180, 131.3920, 63.7440)
contains.

YIQ(86.9180, 131.3920, 63.7440)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(86.9180, 131.3920,
63.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	FC0A32
RGB	252, 10, 50
RGB Percent	99%, 4%, 20%
CMY	0.0112, 0.9609, 0.8034
CMYK	0.00, 0.96, 0.80, 0.01
HSL	350°, 98%, 51%
HSV	350°, 96%, 99%
XYZ	40.8863, 21.1703, 4.9631
YIQ	86.9180, 131.3920, 63.7440

Conversions

Conversions Part 2

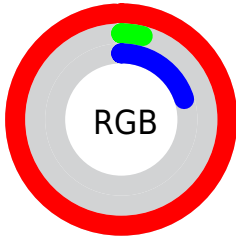
Format	Color
RYB	252, 10, 50
Decimal	16517682
CIELab	53.14, 79.44, 47.76
CIELCh	53, 92.693, 31.011
Yxy	21.1703, 0.6101, 0.3159
Android (android.graphics.Color)	4294707762 (0xFFFC0A32)
YUV	86.9180, -18.2006, 144.7769
Hunter-Lab	46.0112, 78.0982, 25.8124

Details

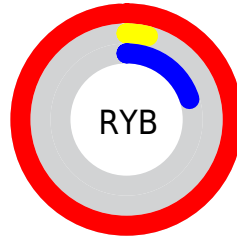
The YIQ color **86.9180, 131.3920, 63.7440** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **175.0820, -131.3920, -63.7440**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.8290, 93.8930, 32.9730**, and **55.9990, 108.3340, 41.0860** is the 20% darker color. If you saturate the color by 10%, you get **80.1360, 136.7100, 66.4860**, and if you desaturate by 10%, it is **103.9870, 117.7760, 57.2000**.

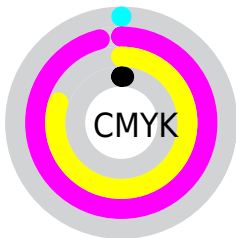
Distribution



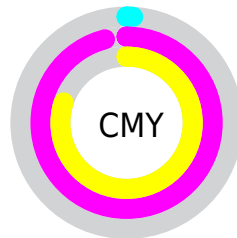
- Red (99%)
- Green (4%)
- Blue (20%)



- Red (99%)
- Yellow (4%)
- Blue (20%)



- Cyan (0%)
- Magenta (96%)
- Yellow (80%)
- Black (1%)





- Cyan (1%)
- Magenta (96%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 86.9180, 131.3920, 63.7440 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 86.9180, 131.3920, 63.7440 by changing the saturation by 10% instead.


 86.9180, 131.3920,
63.7440

 86.9180, 131.3920,
63.7440


255.0000, -0.0000,
-0.0000


 68.6730, 121.5360,
55.1360


 145.4160, 93.6180,
32.4500


 56.2980, 108.9300,
41.2980


 166.5770, 76.7470,
24.3230


 45.7470, 91.1880,
32.4360


 187.1510, 60.1510,
16.7190

 35.9940, 71.1990,
25.7510

 208.3120, 43.2800,
8.5920

 27.0670, 51.7600,
20.1120

 229.1140, 26.0420,
1.6100

 17.2710, 33.3300,
12.7060

 249.9160, 8.8040,

 4.7840, 9.5360,

-5.3720

3.3920

■ 0.0000, 0.0000,
0.0000

■ 86.9180, 131.3920,
63.7440

■ 86.9180, 131.3920,
63.7440

■ 80.1360, 136.7100,
66.4860

■ 103.9870,
117.7760, 57.2000

■ 121.0560,
104.1600, 50.6560

■ 138.7120, 90.2690,
43.5890

■ 155.7810, 76.6530,
37.0450

■ 172.8500, 63.0370,
30.5010

■ 189.9190, 49.4210,
23.9570

■ 206.9880, 35.8050,
17.4130

■ 224.6440, 21.9140,
10.3460

■ 241.7130, 8.2980,
3.8020

Harmonies

Analogous

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



90.8370, 110.8920, 93.8680



86.9180, 131.3920, 63.7440



115.9300, 102.4730, -1.3910

Triad

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



86.9180, 131.3920, 63.7440



94.8440, -54.8690, -68.4130



110.0760, -119.8050, 7.1310

Complementary

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



86.9180, 131.3920, 63.7440



175.0820, -131.3920, -63.7440

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



86.9180, 131.3920, 63.7440



107.3380, -84.5380, -42.8260

Square

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



86.9180, 131.3920, 63.7440



105.1480, 0.0570, -61.6310



117.0450, -110.4930, -18.4690



123.0190, -43.4280, 49.1800

Rectangle

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



86.9180, 131.3920, 63.7440



119.8300, 72.6750, -23.0450



117.0450, -110.4930, -18.4690



114.1850, -121.7300, 3.4700

Sweetspot

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



86.9180, 131.3920, 63.7440



204.4940, 40.2520, 19.4200



97.9860, 42.7100, 118.0860



97.2530, 24.5730, 11.7170



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.



86.9180, 131.3920, 63.7440



81.0330, 138.4980, 67.1220



129.9050, 121.9570, 8.9410



116.2290, 6.7850, 3.6890



60.0450, 102.6930, 49.7090



19.3790, 33.1460, 16.0420

Inverse Universe

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



86.9180, 131.3920, 63.7440



81.0330, 138.4980, 67.1220



132.0950, -121.9570, -8.9410



116.2290, 6.7850, 3.6890



60.0450, 102.6930, 49.7090



19.3790, 33.1460, 16.0420

Previews

White Background



This preview shows how the YIQ color 86.9180, 131.3920, 63.7440 looks on a white background.

Color Contrast Check

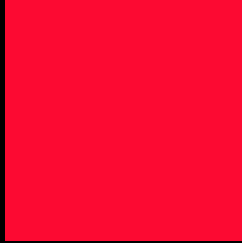
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.9180, 131.3920, 63.7440 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 86.9180, 131.3920, 63.7440

Background



This preview shows how black text looks on a background with the YIQ color 86.9180, 131.3920, 63.7440.



This preview shows how white text looks on a background with the YIQ color 86.9180, 131.3920,

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

86.9180, 131.3920, 63.7440

Protanopia

125.8880, 23.2020, -13.0060

Deuteranopia

122.7000, 52.7300, -19.5100



Tritanopia

89.7610, 141.2990, 43.8830

Trichromacy



Original Color

86.9180, 131.3920, 63.7440



Protanomaly

111.7660, 62.6730, 15.0650



Deuteranomaly

109.8850, 81.1510, 10.5830



Tritanomaly

88.5360, 137.8590, 51.1630

Monochromacy



Original Color

86.9180, 131.3920, 63.7440



Achromatopsia

87.0000, -0.0000, -0.0000



Achromatomaly

87.0220, 47.6330, 23.3210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.9180, 131.3920, 63.7440 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(252, 10, 50)` looks like.

```
.text, #text, p{  
    color:rgb(252, 10, 50)  
}
```

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(252, 10, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 10, 50) }
```

Border

The CSS property to change the border of an element to YIQ 86.9180, 131.3920, 63.7440 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(252, 10, 50) }
```


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

```
.border{ border-color:rgb(252, 10, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 10, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 10, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 10, 50);  
box-shadow:4px 4px 4px 4px rgb(252, 10,  
50) }
```

Background

The CSS property to change the background color of an element to YIQ 86.9180, 131.3920, 63.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 10, 50) }
```

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

```
.background{ background-color: rgb(252, 10,  
50) }
```

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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