

Converting Colors

YIQ(83.4960, 135.3360, 58.3440)

Have a look what the booklet for
YIQ(83.4960, 135.3360, 58.3440)
contains.

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Color

**YIQ(83.4960, 135.3360,
58.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	F90921
RGB	249, 9, 33
RGB Percent	98%, 4%, 13%
CMY	0.0229, 0.9648, 0.8701
CMYK	0.00, 0.96, 0.87, 0.02
HSL	354°, 95%, 51%
HSV	354°, 96%, 98%
XYZ	39.4932, 20.4709, 3.3183
YIQ	83.4960, 135.3360, 58.3440

Conversions

Conversions Part 2

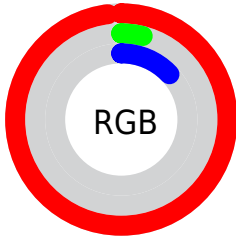
Format	Color
R_{YB}	249, 9, 33
Decimal	16320801
CIE _{Lab}	52.37, 78.43, 55.40
CIE _{LCh}	52, 96.020, 35.237
Yxy	20.4709, 0.6241, 0.3235
Android (android.graphics.Color)	4294510881 (0xFFFF90921)
YUV	83.4960, -24.8945, 145.1470
Hunter-Lab	45.2448, 76.6301, 27.3229

Details

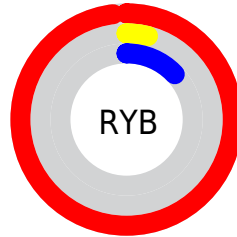
The YIQ color **83.4960, 135.3360, 58.3440** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark saturated red. A complement of this color would be **174.5040, -135.3360, -58.3440**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.4180, 99.3040, 28.5200**, and **54.4180, 108.4720, 38.5840** is the 20% darker color. If you saturate the color by 10%, you get **77.3010, 140.3790, 60.5630**, and if you desaturate by 10%, it is **100.7930, 121.0780, 52.4220**.

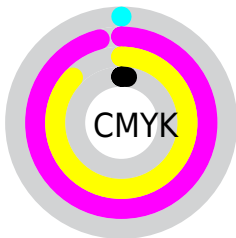
Distribution



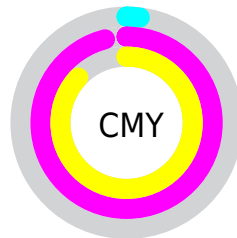
- Red (98%)
- Green (4%)
- Blue (13%)



- Red (98%)
- Yellow (4%)
- Blue (13%)



- Cyan (0%)
- Magenta (96%)
- Yellow (87%)
- Black (2%)





- Cyan (2%)
- Magenta (96%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 83.4960, 135.3360, 58.3440 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 83.4960, 135.3360, 58.3440 by changing the saturation by 10% instead.


 83.4960, 135.3360,
58.3440


 83.4960, 135.3360,
58.3440


255.0000, -0.0000,
-0.0000


 65.4960, 126.1680,
48.2800


 142.4180, 99.3040,
28.5200


 54.4180, 108.4720,
38.5840


 164.0520, 82.4790,
19.5590


 44.5510, 88.8040,
31.5880


 184.6260, 65.8830,
11.9550

 35.0970, 69.4110,
25.1150

 205.2000, 49.2870,
4.3510

 26.1700, 49.9720,
19.4760

 225.8880, 32.3700,
-2.9420


 16.3740, 31.5420,
12.0700

 247.2770, 14.8570,


 1.7940, 3.5760,


-10.4470


1.2720


 253.5180, 4.1730,
-4.0430


 0.0000, 0.0000,
0.0000


 83.4960, 135.3360,
58.3440


 83.4960, 135.3360,
58.3440


 77.3010, 140.3790,
60.5630

 100.7930,
121.0780, 52.4220

 117.9760,
107.1410, 46.1890

 135.1590, 93.2040,
39.9560

 152.4560, 78.9460,
34.0340

 169.6390, 65.0090,
27.8010

■ 186.3490, 51.0260,
22.4020

■ 203.5320, 37.0890,
16.1690

■ 220.7150, 23.1520,
9.9360

■ 238.0120, 8.8940,
4.0140

Harmonies

Analogous

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



89.3550, 115.0650, 89.8250



83.4960, 135.3360, 58.3440



115.2990, 96.8800, -4.6560

Triad

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



83.4960, 135.3360, 58.3440



95.2830, -57.4830, -65.0910



107.1410, -118.4300, 9.7460

Complementary

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



83.4960, 135.3360, 58.3440



174.5040, -135.3360, -58.3440

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.



117.7070, -123.3800, 0.3320



83.4960, 135.3360, 58.3440



107.8910, -87.4730, -39.1930

Square

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



83.4960, 135.3360, 58.3440



96.1780, -17.8230, -67.9910



117.1250, -113.4740, -14.0020



123.1290, -28.7580, 58.6500

Rectangle

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



83.4960, 135.3360, 58.3440



118.0030, 64.6980, -27.1580



117.1250, -113.4740, -14.0020



111.8370, -120.6300, 5.5620

Sweetspot

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



83.4960, 135.3360, 58.3440



203.9240, 41.8570, 17.8650



99.7480, 49.3120, 119.5840



96.9110, 25.5360, 10.7840



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.



83.4960, 135.3360, 58.3440



79.2090, 143.6340, 62.1460



134.7640, 117.7400, 2.7640



116.1150, 7.1060, 3.3780



58.6770, 106.5450, 45.9770



18.9230, 34.4300, 14.7980

Inverse Universe

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



83.4960, 135.3360, 58.3440



79.2090, 143.6340, 62.1460



123.2360, -117.7400, -2.7640



116.1150, 7.1060, 3.3780



58.6770, 106.5450, 45.9770



18.9230, 34.4300, 14.7980

Previews

White Background



This preview shows how the YIQ color 83.4960, 135.3360, 58.3440 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 83.4960, 135.3360, 58.3440 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 83.4960, 135.3360, 58.3440

Background



This preview shows how black text looks on a background with the YIQ color 83.4960, 135.3360, 58.3440.



This preview shows how white text looks on a background with the YIQ color 83.4960, 135.3360,

58.3440.

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

83.4960, 135.3360, 58.3440

Protanopia

122.2060, 30.8140, -18.8020

Deuteranopia

117.9810, 61.7640, -29.0520



Tritanopia

87.0660, 141.7580, 41.0700

Trichromacy



Original Color

83.4960, 135.3360, 58.3440

Protanomaly

108.0130, 69.0470, 9.6790

Deuteranomaly

105.7360, 88.5800, 2.5960

Tritanomaly

85.4990, 139.2810, 47.4170

Monochromacy



Original Color

83.4960, 135.3360, 58.3440

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

83.0390, 48.9630, 21.2430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.4960, 135.3360, 58.3440 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(249, 9, 33)` looks like.

```
.text, #text, p{  
    color:rgb(249, 9, 33)  
}
```

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(249, 9, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 9, 33) }
```

Border

The CSS property to change the border of an element to YIQ 83.4960, 135.3360, 58.3440 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(249, 9, 33) }
```


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

```
.border{ border-color:rgb(249, 9, 33) }
```

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

Here you see how a box with a 4 pixel rgb(249, 9, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 9, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 9, 33);  
box-shadow:4px 4px 4px 4px rgb(249, 9, 33)  
}
```

Background

The CSS property to change the background color of an element to YIQ 83.4960, 135.3360, 58.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 9, 33) }
```

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

```
.background{ background-color: rgb(249, 9,  
33) }
```

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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