

Converting Colors

YIQ(83.3350, 143.0390, 56.4070)

Have a look what the booklet for
YIQ(83.3350, 143.0390, 56.4070)
contains.

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Color

**YIQ(83.3350, 143.0390,
56.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0815
RGB	255, 8, 21
RGB Percent	100%, 3%, 8%
CMY	0.0000, 0.9688, 0.9171
CMYK	0.00, 0.97, 0.92, 0.00
HSL	357°, 100%, 52%
HSV	357°, 97%, 100%
XYZ	41.4624, 21.4861, 2.6783
YIQ	83.3350, 143.0390, 56.4070

Conversions

Conversions Part 2

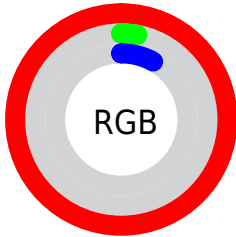
Format	Color
RYB	255, 8, 21
Decimal	16713749
CIELab	53.48, 79.73, 61.62
CIELCh	53, 100.772, 37.699
Yxy	21.4861, 0.6318, 0.3274
Android (android.graphics.Color)	4294903829 (0xFFFF0815)
YUV	83.3350, -30.7312, 150.5502
Hunter-Lab	46.3531, 78.5486, 29.0213

Details

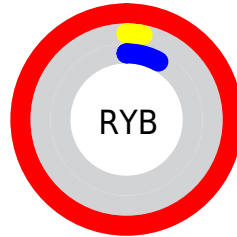
The YIQ color **83.3350, 143.0390, 56.4070** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **179.6650, -143.0390, -56.4070**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8650, 102.2390, 24.8870**, and **56.2120, 112.0480, 39.8560** is the 20% darker color. If you saturate the color by 10%, you get **77.8410, 147.4860, 58.4140**, and if you desaturate by 10%, it is **100.7460, 128.4600, 50.7960**.

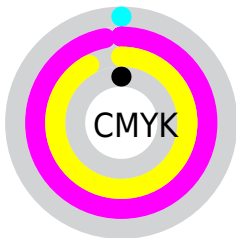
Distribution



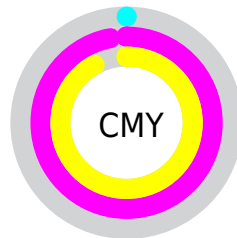
- Red (100%)
- Green (3%)
- Blue (8%)



- Red (100%)
- Yellow (3%)
- Blue (8%)



- Cyan (0%)
- Magenta (97%)
- Yellow (92%)
- Black (0%)





- Cyan (0%)
- Magenta (97%)
- Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 83.3350, 143.0390, 56.4070 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 83.3350, 143.0390, 56.4070 by changing the saturation by 10% instead.


 83.3350, 143.0390,
56.4070


 83.3350, 143.0390,
56.4070


255.0000, -0.0000,
-0.0000


 66.0790, 131.7160,
46.8520


 141.8650,
102.2390, 24.8870


 56.2120, 112.0480,
39.8560


 163.4990, 85.4140,
15.9260


 46.0460, 91.7840,
32.6480


 184.0730, 68.8180,
8.3220

 36.2930, 71.7950,
25.9630

 204.7610, 51.9010,
1.0290

 27.3660, 52.3560,
20.3240

 226.0360, 34.7090,
-6.7870


 17.8690, 34.5220,
13.1300


 246.8380, 17.4710,


 5.6810, 11.3240,


-13.7690


4.0280

 252.3780, 7.3830,
-7.1530

 0.0000, 0.0000,
0.0000


 83.3350, 143.0390,
56.4070


 83.3350, 143.0390,
56.4070


 77.8410, 147.4860,
58.4140

 100.7460,
128.4600, 50.7960

 118.7440,
113.6060, 44.6620

 136.2690, 98.7060,
39.3620

 154.2670, 83.8520,
33.2280

 171.6780, 69.2730,
27.6170

■ 189.6760, 54.4190,
21.4830

■ 207.0870, 39.8400,
15.8720

■ 225.0850, 24.9860,
9.7380

■ 242.4960, 10.4070,
4.1270

Harmonies

Analogous

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



88.7850, 116.6700, 88.2700



83.3350, 143.0390, 56.4070



118.5330, 96.1010, -7.0590

Triad

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



83.3350, 143.0390, 56.4070



99.0160, -61.1050, -65.5290



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.



83.3350, 143.0390, 56.4070



179.6650, -143.0390, -56.4070

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



83.3350, 143.0390, 56.4070



111.4930, -92.1040, -37.8640

Square

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



83.3350, 143.0390, 56.4070



88.0500, -41.2500, -78.4500



121.1830, -119.3890, -11.4290



125.2660, -18.7180, 63.9220

Rectangle

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



83.3350, 143.0390, 56.4070



120.3400, 62.1310, -30.1970



121.1830, -119.3890, -11.4290



113.0110, -121.1800, 4.5160

Sweetspot

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



83.3350, 143.0390, 56.4070



203.5820, 42.8200, 16.9320



105.2270, 58.3890, 125.7890



96.6830, 26.1780, 10.1620



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.



83.3350, 143.0390, 56.4070



77.8410, 147.4860, 58.4140



144.6620, 117.7870, -3.5970



118.8870, 7.7480, 2.7560



58.2490, 110.6260, 43.6020



19.4780, 37.1810, 14.5010

Inverse Universe

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



83.3350, 143.0390, 56.4070



77.8410, 147.4860, 58.4140



118.3380, -117.7870, 3.5970



118.8870, 7.7480, 2.7560



58.2490, 110.6260, 43.6020



19.4780, 37.1810, 14.5010

Previews

White Background



This preview shows how the YIQ color 83.3350, 143.0390, 56.4070 looks on a white background.

Color Contrast Check

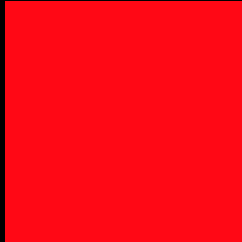
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.3350, 143.0390, 56.4070 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 83.3350, 143.0390, 56.4070

Background



This preview shows how black text looks on a background with the YIQ color 83.3350, 143.0390, 56.4070.



This preview shows how white text looks on a background with the YIQ color 83.3350, 143.0390,

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

83.3350, 143.0390, 56.4070

Protanopia

123.6810, 36.5460, -23.5660

Deuteranopia

120.0520, 63.0020, -29.4620



Tritanopia

89.1480, 144.4630, 41.6070

Trichromacy



Original Color

83.3350, 143.0390, 56.4070

Protanomaly

108.9010, 75.0540, 5.4380

Deuteranomaly

107.0630, 91.9730, 1.6770

Tritanomaly

87.4240, 143.8660, 46.9220

Monochromacy



Original Color

83.3350, 143.0390, 56.4070

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

83.4800, 52.0350, 20.6350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.3350, 143.0390, 56.4070 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(255, 8, 21)` looks like.

```
.text, #text, p{  
    color:rgb(255, 8, 21)  
}
```

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(255, 8, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 8, 21) }
```

Border

The CSS property to change the border of an element to YIQ 83.3350, 143.0390, 56.4070 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(255, 8, 21) }
```


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

```
.border{ border-color:rgb(255, 8, 21) }
```

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

Here you see how a box with a 4 pixel rgb(255, 8, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 8, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 8, 21);  
box-shadow:4px 4px 4px 4px rgb(255, 8, 21)  
}
```

Background

The CSS property to change the background color of an element to YIQ 83.3350, 143.0390, 56.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 8, 21) }
```

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

```
.background{ background-color: rgb(255, 8,  
21) }
```

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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