

Converting Colors

YIQ(81.8280, 123.1380, 70.1620)

Have a look what the booklet for
YIQ(81.8280, 123.1380, 70.1620)
contains.

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Color

**YIQ(81.8280, 123.1380,
70.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	F30341
RGB	243, 3, 65
RGB Percent	95%, 1%, 25%
CMY	0.0465, 0.9884, 0.7447
CMYK	0.00, 0.99, 0.73, 0.05
HSL	344°, 98%, 48%
HSV	344°, 99%, 95%
XYZ	38.0047, 19.5283, 6.7844
YIQ	81.8280, 123.1380, 70.1620

Conversions

Conversions Part 2

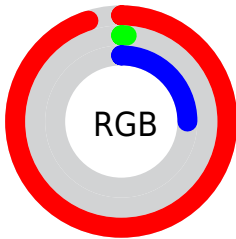
Format	Color
R_{YB}	243, 3, 65
Decimal	15926081
CIE _{Lab}	51.30, 78.27, 36.74
CIE _{LCh}	51, 86.469, 25.147
Yxy	19.5283, 0.5909, 0.3036
Android (android.graphics.Color)	4294116161 (0xFF30341)
YUV	81.8280, -8.2962, 141.3478
Hunter-Lab	44.1908, 76.1786, 21.8311

Details

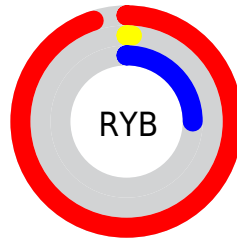
The YIQ color **81.8280, 123.1380, 70.1620** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **164.1720, -123.1380, -70.1620**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **145.4790, 89.3070, 38.9950**, and **55.5450, 98.1090, 44.6770** is the 20% darker color. If you saturate the color by 10%, you get **79.8390, 124.6050, 71.1090**, and if you desaturate by 10%, it is **97.9680, 110.7600, 63.2080**.

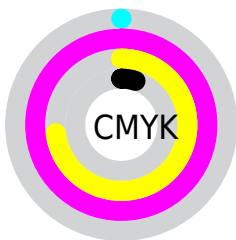
Distribution



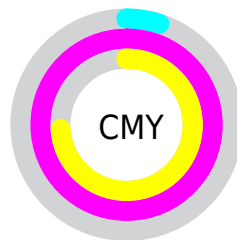
- Red (95%)
- Green (1%)
- Blue (25%)



- Red (95%)
- Yellow (1%)
- Blue (25%)



- Cyan (0%)
- Magenta (99%)
- Yellow (73%)
- Black (5%)





- Cyan (5%)
- Magenta (99%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 81.8280, 123.1380, 70.1620 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 81.8280, 123.1380, 70.1620 by changing the saturation by 10% instead.


 81.8280, 123.1380,
70.1620


 81.8280, 123.1380,
70.1620


255.0000, -0.0000,
-0.0000


 67.6920, 111.3570,
57.8930


 145.4790, 89.3070,
38.9950


 55.8440, 98.7050,
44.8890


 166.5260, 72.7570,
30.5570


 43.6540, 87.0160,
30.9520


 187.2140, 55.8400,
23.2640

 34.0150, 66.7060,
24.5780

 207.9020, 38.9230,
15.9710

 25.2730, 48.1840,
18.8400

 229.2910, 21.4100,
8.4660

 15.4770, 29.7540,
11.4340

 250.0930, 4.1720,

 0.0000, 0.0000,

1.4840

0.0000

■ 81.8280, 123.1380,
70.1620

■ 81.8280, 123.1380,
70.1620

■ 79.8390, 124.6050,
71.1090

■ 97.9680, 110.7600,
63.2080

■ 114.6950, 98.1070,
55.7310

■ 130.8350, 85.7290,
48.7770

■ 146.9750, 73.3510,
41.8230

■ 163.7020, 60.6980,
34.3460

■ 179.8420, 48.3200,
27.3920

■ 195.9820, 35.9420,
20.4380

■ 212.1220, 23.5640,
13.4840

■ 228.8490, 10.9110,
6.0070

Harmonies

Analogous

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



88.0900, 99.9340, 94.2220



81.8280, 123.1380, 70.1620



109.7610, 104.6270, 3.6270

Triad

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



81.8280, 123.1380, 70.1620



88.5690, -46.8450, -70.6610



108.9020, -119.2550, 8.1770

Complementary

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



81.8280, 123.1380, 70.1620



164.1720, -123.1380, -70.1620

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.



115.2790, -119.2990, -2.0430



81.8280, 123.1380, 70.1620



100.9490, -76.1930, -45.3850

Square

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



81.8280, 123.1380, 70.1620



106.1440, 15.0480, -52.4720



110.7870, -101.1390, -22.7950



113.6950, -69.2390, 37.8730

Rectangle

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



81.8280, 123.1380, 70.1620



115.1560, 77.8090, -16.9670



110.7870, -101.1390, -22.7950



112.4240, -120.9050, 5.0390

Sweetspot

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



81.8280, 123.1380, 70.1620



203.8900, 39.1970, 22.0210



82.9840, 27.8560, 111.9520



97.0080, 23.8850, 13.1730



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.



81.8280, 123.1380, 70.1620



83.7690, 130.7940, 74.5860



107.6320, 127.6400, 21.5920



113.9300, 6.1890, 3.4770



61.0860, 95.4480, 54.3600



19.3510, 30.3490, 17.1730

Inverse Universe

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



81.8280, 123.1380, 70.1620



83.7690, 130.7940, 74.5860



138.3680, -127.6400, -21.5920



113.9300, 6.1890, 3.4770



61.0860, 95.4480, 54.3600



19.3510, 30.3490, 17.1730

Previews

White Background



This preview shows how the YIQ color 81.8280, 123.1380, 70.1620 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 81.8280, 123.1380, 70.1620 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 81.8280, 123.1380, 70.1620

Background



This preview shows how black text looks on a background with the YIQ color 81.8280, 123.1380, 70.1620.



This preview shows how white text looks on a background with the YIQ color 81.8280, 123.1380,

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

81.8280, 123.1380, 70.1620

Protanopia

122.7270, 13.7100, -6.1780

Deuteranopia

120.9410, 42.0460, -13.1060



Tritanopia

90.3730, 130.7080, 43.0920

Trichromacy



Original Color

81.8280, 123.1380, 70.1620

Protanomaly

107.4910, 53.5020, 21.5820

Deuteranomaly

106.7240, 71.6590, 17.4110

Tritanomaly

87.0280, 127.7260, 53.0860

Monochromacy



Original Color

81.8280, 123.1380, 70.1620

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

81.9340, 45.0650, 25.8090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.8280, 123.1380, 70.1620 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(243, 3, 65)` looks like.

```
.text, #text, p{  
    color:rgb(243, 3, 65)  
}
```

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(243, 3, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 3, 65) }
```

Border

The CSS property to change the border of an element to YIQ 81.8280, 123.1380, 70.1620 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(243, 3, 65) }
```


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

```
.border{ border-color:rgb(243, 3, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 3, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 3, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 3, 65);  
box-shadow:4px 4px 4px 4px rgb(243, 3, 65)  
}
```

Background

The CSS property to change the background color of an element to YIQ 81.8280, 123.1380, 70.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 3, 65) }
```

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

```
.background{ background-color: rgb(243, 3,  
65) }
```

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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