

Converting Colors

YIQ(82.1380, 125.2010, 71.3210)

Have a look what the booklet for
YIQ(82.1380, 125.2010, 71.3210)
contains.

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Color

**YIQ(82.1380, 125.2010,
71.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	F60241
RGB	246, 2, 65
RGB Percent	96%, 1%, 25%
CMY	0.0347, 0.9923, 0.7446
CMYK	0.00, 0.99, 0.74, 0.03
HSL	344°, 98%, 49%
HSV	344°, 99%, 97%
XYZ	39.0396, 20.0456, 6.8300
YIQ	82.1380, 125.2010, 71.3210

Conversions

Conversions Part 2

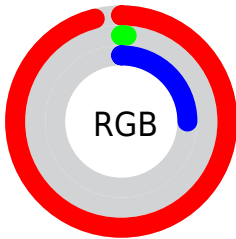
Format	Color
RYB	246, 2, 65
Decimal	16122433
CIELab	51.89, 79.05, 37.58
CIELCh	52, 87.527, 25.429
Yxy	20.0456, 0.5923, 0.3041
Android (android.graphics.Color)	4294312513 (0xFFFF60241)
YUV	82.1380, -8.4490, 143.7070
Hunter-Lab	44.7723, 77.2929, 22.2960

Details

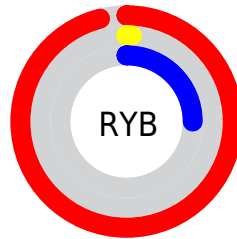
The YIQ color **82.1380, 125.2010, 71.3210** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **165.8620, -125.2010, -71.3210**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **145.4790, 89.3070, 38.9950**, and **56.4420, 99.8970, 45.3130** is the 20% darker color. If you saturate the color by 10%, you get **80.8500, 126.0720, 72.0560**, and if you desaturate by 10%, it is **98.8650, 112.5480, 63.8440**.

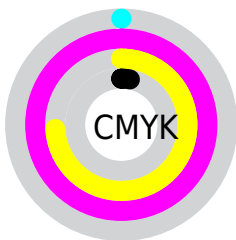
Distribution



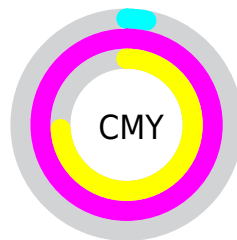
- Red (96%)
- Green (1%)
- Blue (25%)



- Red (96%)
- Yellow (1%)
- Blue (25%)



- Cyan (0%)
- Magenta (99%)
- Yellow (74%)
- Black (3%)





- Cyan (3%)
- Magenta (99%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 82.1380, 125.2010, 71.3210 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 82.1380, 125.2010, 71.3210 by changing the saturation by 10% instead.


 82.1380, 125.2010,
71.3210


 82.1380, 125.2010,
71.3210


255.0000, -0.0000,
-0.0000


 68.5890, 113.1450,
58.5290


 145.4790, 89.3070,
38.9950


 56.4420, 99.8970,
45.3130


 166.5260, 72.7570,
30.5570


 44.2520, 88.2080,
31.3760


 187.8010, 55.5650,
22.7410

 34.9120, 68.4940,
25.2140

 208.4890, 38.6480,
15.4480

 25.8710, 49.3760,
19.2640

 229.2910, 21.4100,
8.4660

 16.0750, 30.9460,
11.8580

 250.6800, 3.8970,

 0.8970, 1.7880,

0.9610

0.6360

■ 0.0000, 0.0000,
0.0000

■ 82.1380, 125.2010,
71.3210

■ 82.1380, 125.2010,
71.3210

■ 80.8500, 126.0720,
72.0560

■ 98.8650, 112.5480,
63.8440

■ 115.1190, 99.8490,
57.2010

■ 131.8460, 87.1960,
49.7240

■ 147.9860, 74.8180,
42.7700

■ 164.7130, 62.1650,
35.2930

■ 181.5540, 49.1910,
28.1270

■ 197.6940, 36.8130,
21.1730

■ 214.4210, 24.1600,
13.6960

■ 231.1480, 11.5070,
6.2190

Harmonies

Analogous

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



89.1010, 101.4010, 95.1690



82.1380, 125.2010, 71.3210



110.9460, 105.5440, 3.5280

Triad

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



82.1380, 125.2010, 71.3210



89.8570, -47.7160, -71.3960



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.



82.1380, 125.2010, 71.3210



165.8620, -125.2010, -71.3210

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.



116.9090, -121.1330, -1.8450



82.1380, 125.2010, 71.3210



102.3510, -77.3850, -45.8090

Square

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



82.1380, 125.2010, 71.3210



107.3180, 14.4980, -53.5180



111.7160, -102.3770, -22.3850



114.8800, -68.3220, 37.7740

Rectangle

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



82.1380, 125.2010, 71.3210



116.6290, 77.8550, -17.8010



111.7160, -102.3770, -22.3850



113.0110, -121.1800, 4.5160

Sweetspot

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



82.1380, 125.2010, 71.3210



203.8900, 39.1970, 22.0210



83.3370, 28.3600, 113.8320



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.



82.1380, 125.2010, 71.3210



83.7690, 130.7940, 74.5860



108.4150, 129.7490, 21.9170



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.



82.1380, 125.2010, 71.3210



83.7690, 130.7940, 74.5860



139.5850, -129.7490, -21.9170



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 82.1380, 125.2010, 71.3210 looks on a white background.

Color Contrast Check

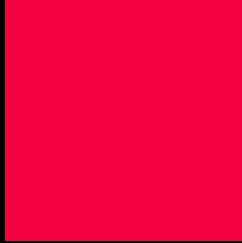
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.1380, 125.2010, 71.3210 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 82.1380, 125.2010, 71.3210

Background



This preview shows how black text looks on a background with the YIQ color 82.1380, 125.2010, 71.3210.



This preview shows how white text looks on a background with the YIQ color 82.1380, 125.2010,

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

82.1380, 125.2010, 71.3210

Protanopia

124.3140, 13.4350, -6.7010

Deuteranopia

122.1260, 42.9630, -13.2050



Tritanopia

91.2700, 132.4960, 43.7280

Trichromacy



Original Color

82.1380, 125.2010, 71.3210

Protanomaly

108.7900, 54.0980, 21.7940

Deuteranomaly

107.3220, 72.8510, 17.8350

Tritanomaly

87.9250, 129.5140, 53.7220

Monochromacy



Original Color

82.1380, 125.2010, 71.3210

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

82.2330, 45.6610, 26.0210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.1380, 125.2010, 71.3210 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(246, 2, 65)` looks like.

```
.text, #text, p{  
    color:rgb(246, 2, 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(246, 2, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 2, 65) }
```

Border

The CSS property to change the border of an element to YIQ 82.1380, 125.2010, 71.3210 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(246, 2, 65) }
```


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

```
.border{ border-color:rgb(246, 2, 65) }
```

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

Here you see how a box with a 4 pixel rgb(246, 2, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 2, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 2, 65);  
box-shadow:4px 4px 4px 4px rgb(246, 2, 65)  
}
```

Background

The CSS property to change the background color of an element to YIQ 82.1380, 125.2010, 71.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 2, 65) }
```

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

```
.background{ background-color: rgb(246, 2,  
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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