

Converting Colors

YIQ(78.3290, 125.9810, 68.1970)

Have a look what the booklet for
YIQ(78.3290, 125.9810, 68.1970)
contains.

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Color

**YIQ(78.3290, 125.9810,
68.1970)**

Conversions

Conversions Part 1

Format	Color
Hex	F10037
RGB	241, 0, 55
RGB Percent	95%, 0%, 22%
CMY	0.0543, 0.9998, 0.7839
CMYK	0.00, 1.00, 0.77, 0.05
HSL	346°, 100%, 47%
HSV	346°, 100%, 95%
XYZ	37.0209, 19.0050, 5.3462
YIQ	78.3290, 125.9810, 68.1970

Conversions

Conversions Part 2

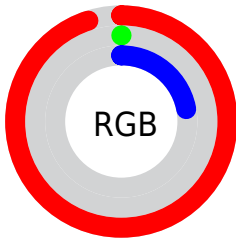
Format	Color
R_{YB}	241, 0, 55
Decimal	15794231
CIE _{Lab}	50.69, 77.68, 41.75
CIE _{LCh}	51, 88.191, 28.257
Yxy	19.0050, 0.6032, 0.3097
Android (android.graphics.Color)	4293984311 (0xFFFF10037)
YUV	78.3290, -11.5012, 142.6625
Hunter-Lab	43.5947, 75.2926, 23.2453

Details

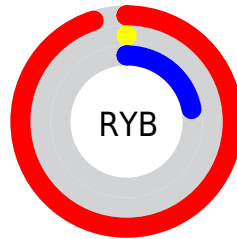
The YIQ color **78.3290, 125.9810, 68.1970** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **162.6710, -125.9810, -68.1970**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **143.0510, 93.3880, 36.6200**, and **53.8070, 100.1270, 41.1430** is the 20% darker color. If you saturate the color by 10%, you get **78.3290, 125.9810, 68.1970**, and if you desaturate by 10%, it is **94.5830, 113.2820, 61.5540**.

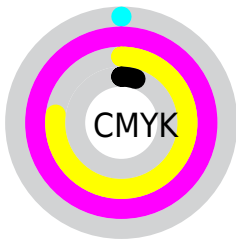
Distribution



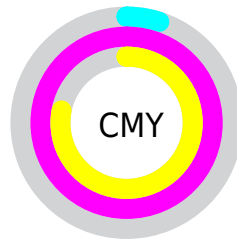
- Red (95%)
- Green (0%)
- Blue (22%)



- Red (95%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (77%)
- Black (5%)





- Cyan (5%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 78.3290, 125.9810, 68.1970 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 78.3290, 125.9810, 68.1970 by changing the saturation by 10% instead.


 78.3290, 125.9810,
68.1970


 78.3290, 125.9810,
68.1970


255.0000, -0.0000,
-0.0000


 65.9540, 113.3750,
54.3590


 143.0510, 93.3880,
36.6200


 53.8070, 100.1270,
41.1430


 164.0980, 76.8380,
28.1820

 42.7570, 85.2280,
30.3160


 185.2590, 59.9670,
20.0550

 33.4170, 65.5140,
24.1540

 205.9470, 43.0500,
12.7620

 24.6750, 46.9920,
18.4160

 226.7490, 25.8120,
5.7800

 14.5800, 27.9660,
10.7980

 247.5510, 8.5740,

 0.0000, 0.0000,

-1.2020

0.0000

■ 78.3290, 125.9810,
68.1970

■ 94.5830, 113.2820,
61.5540

■ 110.7230,
100.9040, 54.6000

■ 126.9770, 88.2050,
47.9570

■ 143.8180, 75.2310,
40.7910

■ 159.9580, 62.8530,
33.8370

■ 176.2120, 50.1540,
27.1940

■ 192.3520, 37.7760,
20.2400

■ 208.6060, 25.0770,
13.5970

■ 224.8600, 12.3780,
6.9540

Harmonies

Analogous

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



87.6620, 104.0150, 91.8470



78.3290, 125.9810, 68.1970



109.1410, 100.5010, 1.3090

Triad

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



78.3290, 125.9810, 68.1970



88.8940, -49.1380, -67.6500



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.



78.3290, 125.9810, 68.1970



162.6710, -125.9810, -68.1970

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.



114.7890, -120.6750, 0.8690



78.3290, 125.9810, 68.1970



101.0460, -77.8440, -42.9960

Square

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



78.3290, 125.9810, 68.1970



102.2570, 7.3000, -55.2280



110.4110, -102.8360, -19.5720



115.8540, -56.2650, 45.0390

Rectangle

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



78.3290, 125.9810, 68.1970



113.9380, 72.4910, -19.7090



110.4110, -102.8360, -19.5720



110.6630, -120.0800, 6.6080

Sweetspot

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



78.3290, 125.9810, 68.1970



203.6620, 39.8390, 21.3990



82.7890, 32.8990, 114.1710



96.8940, 24.2060, 12.8620



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.



78.3290, 125.9810, 68.1970



82.8570, 133.3620, 72.0980



109.6270, 126.0360, 17.6200



111.9300, 6.1890, 3.4770



59.8040, 96.1820, 52.0700



18.2260, 29.2030, 15.9150

Inverse Universe

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



78.3290, 125.9810, 68.1970



82.8570, 133.3620, 72.0980



131.3730, -126.0360, -17.6200



111.9300, 6.1890, 3.4770



59.8040, 96.1820, 52.0700



18.2260, 29.2030, 15.9150

Previews

White Background



This preview shows how the YIQ color 78.3290, 125.9810, 68.1970 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 78.3290, 125.9810, 68.1970 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 78.3290, 125.9810, 68.1970

Background



This preview shows how black text looks on a background with the YIQ color 78.3290, 125.9810, 68.1970.



This preview shows how white text looks on a background with the YIQ color 78.3290, 125.9810,

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

78.3290, 125.9810, 68.1970

Protanopia

120.6580, 18.1580, -9.6980

Deuteranopia

118.3990, 46.4480, -15.7920



Tritanopia

86.5150, 133.1840, 42.2720

Trichromacy



Original Color

78.3290, 125.9810, 68.1970

Protanomaly

105.5360, 57.6290, 18.3730

Deuteranomaly

103.8830, 75.4650, 14.5130

Tritanomaly

83.6430, 130.2480, 51.4320

Monochromacy



Original Color

78.3290, 125.9810, 68.1970

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

78.2930, 45.4320, 24.6640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.3290, 125.9810, 68.1970 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(241, 0, 55)` looks like.

```
.text, #text, p{  
    color:rgb(241, 0, 55)  
}
```

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(241, 0, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 0, 55) }
```

Border

The CSS property to change the border of an element to YIQ 78.3290, 125.9810, 68.1970 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(241, 0, 55) }
```


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

```
.border{ border-color:rgb(241, 0, 55) }
```

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

Here you see how a box with a 4 pixel rgb(241, 0, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 0, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 0, 55);  
box-shadow:4px 4px 4px 4px rgb(241, 0, 55)  
}
```

Background

The CSS property to change the background color of an element to YIQ 78.3290, 125.9810, 68.1970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 0, 55) }
```

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

```
.background{ background-color: rgb(241, 0,  
55) }
```

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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