

Converting Colors

YIQ(90.0050, 126.5330, 58.1890)

Have a look what the booklet for
YIQ(90.0050, 126.5330, 58.1890)
contains.

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Color

**YIQ(90.0050, 126.5330,
58.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	F71231
RGB	247, 18, 49
RGB Percent	97%, 7%, 19%
CMY	0.0308, 0.9296, 0.8074
CMYK	0.00, 0.93, 0.80, 0.03
HSL	352°, 94%, 52%
HSV	352°, 93%, 97%
XYZ	39.1802, 20.4526, 4.8020
YIQ	90.0050, 126.5330, 58.1890

Conversions

Conversions Part 2

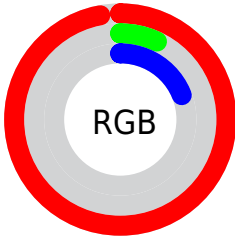
Format	Color
R_{YB}	247, 18, 49
Decimal	16192049
CIE _{Lab}	52.35, 77.53, 47.17
CIE _{LCh}	52, 90.751, 31.321
Yxy	20.4526, 0.6081, 0.3174
Android (android.graphics.Color)	4294382129 (0xFFFF71231)
YUV	90.0050, -20.2155, 137.6846
Hunter-Lab	45.2246, 75.5003, 25.3618

Details

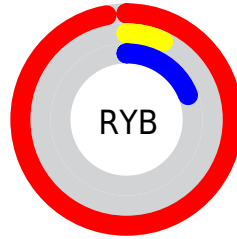
The YIQ color **90.0050, 126.5330, 58.1890** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **174.9950, -126.5330, -58.1890**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.3020, 93.9390, 32.1390**, and **54.6890, 106.2710, 39.9270** is the 20% darker color. If you saturate the color by 10%, you get **77.7290, 136.2980, 62.9380**, and if you desaturate by 10%, it is **107.0740, 112.9170, 51.6450**.

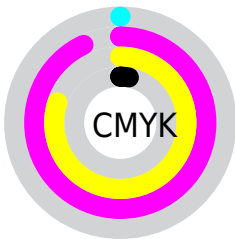
Distribution



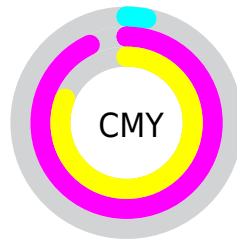
- Red (97%)
- Green (7%)
- Blue (19%)



- Red (97%)
- Yellow (7%)
- Blue (19%)



- Cyan (0%)
- Magenta (93%)
- Yellow (80%)
- Black (3%)





- Cyan (3%)
- Magenta (93%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 90.0050, 126.5330, 58.1890 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 90.0050, 126.5330, 58.1890 by changing the saturation by 10% instead.


 90.0050, 126.5330,
58.1890


 90.0050, 126.5330,
58.1890


255.0000, -0.0000,
-0.0000


 67.0640, 118.8770,
53.7650


 145.3020, 93.9390,
32.1390


 54.6890, 106.2710,
39.9270


 166.3490, 77.3890,
23.7010


 44.2520, 88.2080,
31.3760


 187.5100, 60.5180,
15.5740

 34.7980, 68.8150,
24.9030

 208.1980, 43.6010,
8.2810

 25.8710, 49.3760,
19.2640

 229.0000, 26.3630,
1.2990

 16.0750, 30.9460,
11.8580

 249.8020, 9.1250,

 1.1960, 2.3840,

-5.6830

0.8480

■ 0.0000, 0.0000,
0.0000

■ 90.0050, 126.5330,
58.1890

■ 90.0050, 126.5330,
58.1890

■ 77.7290, 136.2980,
62.9380

■ 107.0740,
112.9170, 51.6450

■ 123.6700, 99.2550,
45.9350

■ 140.7390, 85.6390,
39.3910

■ 157.9220, 71.7020,
33.1580

■ 174.9910, 58.0860,
26.6140

■ 191.4730, 44.7450,
20.5930

■ 208.6560, 30.8080,
14.3600

■ 225.7250, 17.1920,
7.8160

■ 242.2070, 3.8510,
1.7950

Harmonies

Analogous

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



90.1960, 111.2590, 92.7230



90.0050, 126.5330, 58.1890



114.7340, 100.0890, -2.2390

Triad

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



90.0050, 126.5330, 58.1890



93.7840, -54.6400, -67.0560



108.3150, -118.9800, 8.7000

Complementary

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



90.0050, 126.5330, 58.1890



174.9950, -126.5330, -58.1890

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



90.0050, 126.5330, 58.1890



105.9360, -83.3460, -42.4020

Square

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



90.0050, 126.5330, 58.1890



103.0880, 0.2860, -60.2740



114.9420, -108.7050, -17.8330



122.4320, -43.1530, 49.7030

Rectangle

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



90.0050, 126.5330, 58.1890



118.0470, 70.5660, -23.3700



114.9420, -108.7050, -17.8330



112.4240, -120.9050, 5.0390

Sweetspot

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



90.0050, 126.5330, 58.1890



206.2550, 39.4270, 17.8510



102.4110, 42.7110, 112.5590



97.8400, 24.2980, 11.1940



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.



90.0050, 126.5330, 58.1890



80.2350, 140.7450, 64.9450



133.4310, 114.4840, 6.7080



113.8160, 6.5100, 3.1660



58.4640, 102.8310, 47.2070



18.5530, 32.5960, 14.9960

Inverse Universe

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



90.0050, 126.5330, 58.1890



80.2350, 140.7450, 64.9450



131.5690, -114.4840, -6.7080



113.8160, 6.5100, 3.1660



58.4640, 102.8310, 47.2070



18.5530, 32.5960, 14.9960

Previews

White Background



This preview shows how the YIQ color 90.0050, 126.5330, 58.1890 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 90.0050, 126.5330, 58.1890 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 90.0050, 126.5330, 58.1890

Background



This preview shows how black text looks on a background with the YIQ color 90.0050, 126.5330, 58.1890.



This preview shows how white text looks on a background with the YIQ color 90.0050, 126.5330,

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

90.0050, 126.5330, 58.1890

Protanopia

123.8880, 23.2020, -13.0060

Deuteranopia

120.6290, 51.4920, -19.1000



Tritanopia

91.0530, 134.6050, 44.0530

Trichromacy



Original Color

90.0050, 126.5330, 58.1890

Protanomaly

111.8150, 60.9770, 12.7610

Deuteranomaly

109.2760, 78.4920, 9.2120

Tritanomaly

90.6600, 131.5780, 49.3540

Monochromacy



Original Color

90.0050, 126.5330, 58.1890

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.0710, 45.9370, 21.0170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.0050, 126.5330, 58.1890 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(247, 18, 49)` looks like.

```
.text, #text, p{  
    color:rgb(247, 18, 49)  
}
```

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(247, 18, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 18, 49) }
```

Border

The CSS property to change the border of an element to YIQ 90.0050, 126.5330, 58.1890 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(247, 18, 49) }
```


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

```
.border{ border-color:rgb(247, 18, 49) }
```

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

Here you see how a box with a 4 pixel rgb(247, 18, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 18, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 18, 49);  
box-shadow:4px 4px 4px 4px rgb(247, 18,  
49) }
```

Background

The CSS property to change the background color of an element to YIQ 90.0050, 126.5330, 58.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 18, 49) }
```

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

```
.background{ background-color: rgb(247, 18,  
49) }
```

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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