

Converting Colors

YIQ(84.2690, 126.2100, 69.5540)

Have a look what the booklet for
YIQ(84.2690, 126.2100, 69.5540)
contains.

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Color

**YIQ(84.2690, 126.2100,
69.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	F8053F
RGB	248, 5, 63
RGB Percent	97%, 2%, 25%
CMY	0.0268, 0.9805, 0.7525
CMYK	0.00, 0.98, 0.75, 0.03
HSL	346°, 96%, 50%
HSV	346°, 98%, 97%
XYZ	39.7206, 20.4516, 6.5737
YIQ	84.2690, 126.2100, 69.5540

Conversions

Conversions Part 2

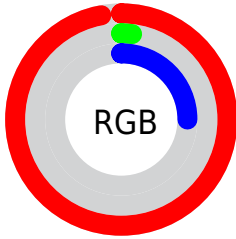
Format	Color
R_{YB}	248, 5, 63
Decimal	16254271
CIE _{Lab}	52.34, 79.23, 39.37
CIE _{LCh}	52, 88.478, 26.425
Yxy	20.4516, 0.5951, 0.3064
Android (android.graphics.Color)	4294444351 (0xFFFF8053F)
YUV	84.2690, -10.4856, 143.5921
Hunter-Lab	45.2235, 77.6387, 23.0380

Details

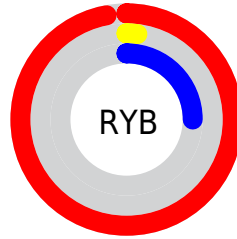
The YIQ color **84.2690, 126.2100, 69.5540** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **168.7310, -126.2100, -69.5540**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.8380, 89.6740, 37.8500**, and **56.8120, 101.7310, 45.1150** is the 20% darker color. If you saturate the color by 10%, you get **80.8780, 128.8690, 70.9250**, and if you desaturate by 10%, it is **101.1100, 113.2360, 62.3880**.

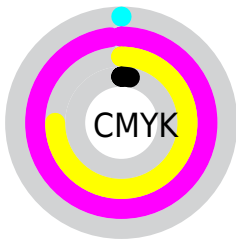
Distribution



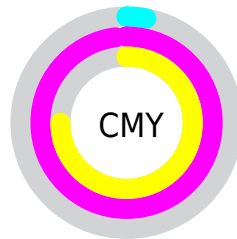
- Red (97%)
- Green (2%)
- Blue (25%)



- Red (97%)
- Yellow (2%)
- Blue (25%)



- Cyan (0%)
- Magenta (98%)
- Yellow (75%)
- Black (3%)





- Cyan (3%)
- Magenta (98%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 84.2690, 126.2100, 69.5540 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 84.2690, 126.2100, 69.5540 by changing the saturation by 10% instead.


 84.2690, 126.2100,
69.5540


 84.2690, 126.2100,
69.5540


255.0000, -0.0000,
-0.0000


 68.9590, 114.9790,
58.3310


 145.8380, 89.6740,
37.8500


 56.8120, 101.7310,
45.1150


 166.8850, 73.1240,
29.4120


 44.8500, 89.4000,
31.8000


 188.0460, 56.2530,
21.2850

 35.2110, 69.0900,
25.4260

 208.8480, 39.0150,
14.3030

 26.1700, 49.9720,
19.4760

 229.5360, 22.0980,
7.0100

 16.6730, 32.1380,
12.2820

 251.0390, 4.2640,

 2.3920, 4.7680,

-0.1840

1.6960

■ 0.0000, 0.0000,
0.0000

■ 84.2690, 126.2100,
69.5540

■ 84.2690, 126.2100,
69.5540

■ 80.8780, 128.8690,
70.9250

■ 101.1100,
113.2360, 62.3880

■ 117.9510,
100.2620, 55.2220

■ 134.2050, 87.5630,
48.5790

■ 151.0460, 74.5890,
41.4130

■ 167.8870, 61.6150,
34.2470

■ 184.6140, 48.9620,
26.7700

■ 201.4550, 35.9880,
19.6040

■ 217.7090, 23.2890,
12.9610

■ 234.5500, 10.3150,
5.7950

Harmonies

Analogous

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



89.7700, 103.8310, 95.1830



84.2690, 126.2100, 69.5540



113.0060, 105.3150, 2.1710

Triad

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



84.2690, 126.2100, 69.5540



90.9000, -49.2750, -70.6750



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.



84.2690, 126.2100, 69.5540



168.7310, -126.2100, -69.5540

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.



117.9520, -122.6920, -1.1240



84.2690, 126.2100, 69.5540



103.8670, -78.8980, -45.9220

Square

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



84.2690, 126.2100, 69.5540



107.5950, 12.1600, -55.2000



113.3460, -104.2110, -22.1870



117.5710, -62.9580, 39.6820

Rectangle

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



84.2690, 126.2100, 69.5540



117.8030, 77.3050, -18.8470



113.3460, -104.2110, -22.1870



113.5980, -121.4550, 3.9930

Sweetspot

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



84.2690, 126.2100, 69.5540



205.1780, 38.3260, 21.2860



87.1200, 30.4690, 114.1570



97.7090, 23.2890, 12.9610



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.



84.2690, 126.2100, 69.5540



83.1990, 132.3990, 73.0310



113.4640, 128.0530, 19.6130



116.2290, 6.7850, 3.6890



61.6410, 98.1990, 54.0630



19.9490, 31.5410, 17.5970

Inverse Universe

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



84.2690, 126.2100, 69.5540



83.1990, 132.3990, 73.0310



139.5360, -128.0530, -19.6130



116.2290, 6.7850, 3.6890



61.6410, 98.1990, 54.0630



19.9490, 31.5410, 17.5970

Previews

White Background



This preview shows how the YIQ color 84.2690, 126.2100, 69.5540 looks on a white background.

Color Contrast Check

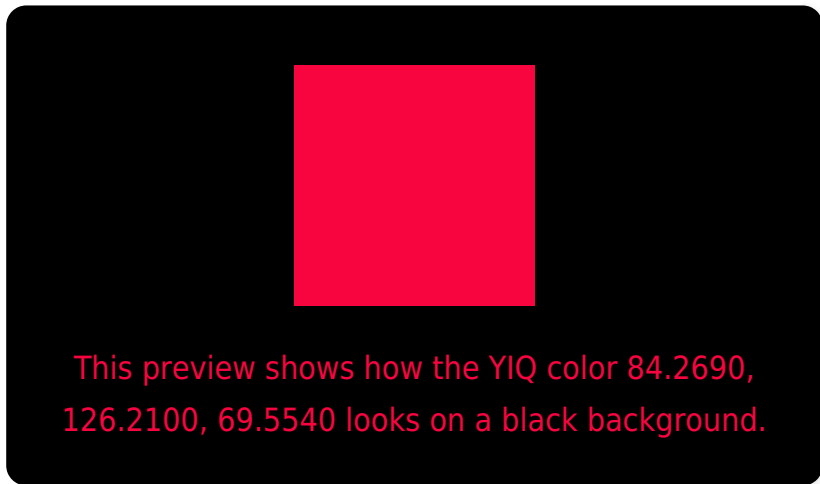
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 84.2690, 126.2100, 69.5540

Background



This preview shows how black text looks on a background with the YIQ color 84.2690, 126.2100, 69.5540.



This preview shows how white text looks on a background with the YIQ color 84.2690, 126.2100,

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

84.2690, 126.2100, 69.5540

Protanopia

125.1570, 15.3150, -7.7330

Deuteranopia

122.9690, 44.8430, -14.2370



Tritanopia

91.1670, 134.2840, 44.3640

Trichromacy



Original Color

84.2690, 126.2100, 69.5540

Protanomaly

110.2200, 55.7030, 20.2390

Deuteranomaly

108.7520, 74.4560, 16.2800

Tritanomaly

88.2950, 131.3480, 53.5240

Monochromacy



Original Color

84.2690, 126.2100, 69.5540

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.0050, 46.3030, 25.3990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.2690, 126.2100, 69.5540 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(248, 5, 63)` looks like.

```
.text, #text, p{  
    color:rgb(248, 5, 63)  
}
```

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(248, 5, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 5, 63) }
```

Border

The CSS property to change the border of an element to YIQ 84.2690, 126.2100, 69.5540 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(248, 5, 63) }
```


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

```
.border{ border-color:rgb(248, 5, 63) }
```

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

Here you see how a box with a 4 pixel rgb(248, 5, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 5, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 5, 63);  
box-shadow:4px 4px 4px 4px rgb(248, 5, 63)  
}
```

Background

The CSS property to change the background color of an element to YIQ 84.2690, 126.2100, 69.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 5, 63) }
```

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

```
.background{ background-color: rgb(248, 5,  
63) }
```

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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