

Converting Colors

YIQ(99.3190, 122.7730, 60.2530)

Have a look what the booklet for
YIQ(99.3190, 122.7730, 60.2530)
contains.

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Color

**YIQ(99.3190, 122.7730,
60.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	FE1B42
RGB	254, 27, 66
RGB Percent	100%, 11%, 26%
CMY	0.0034, 0.8944, 0.7407
CMYK	0.00, 0.89, 0.74, 0.00
HSL	350°, 99%, 55%
HSV	350°, 89%, 100%
XYZ	42.3023, 22.2722, 7.2417
YIQ	99.3190, 122.7730, 60.2530

Conversions

Conversions Part 2

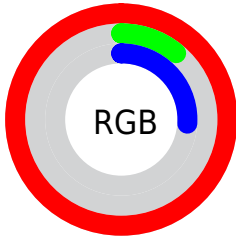
Format	Color
RYB	254, 27, 66
Decimal	16653122
CIELab	54.31, 78.67, 40.20
CIELCh	54, 88.345, 27.067
Yxy	22.2722, 0.5890, 0.3101
Android (android.graphics.Color)	4294843202 (0xFFFE1B42)
YUV	99.3190, -16.4263, 135.6552
Hunter-Lab	47.1935, 77.4116, 23.9376

Details

The YIQ color **99.3190, 122.7730, 60.2530** 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 **181.6810, -122.7730, -60.2530**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **150.2890, 86.7860, 35.1220**, and **58.8340, 104.6650, 47.0090** is the 20% darker color. If you saturate the color by 10%, you get **82.2500, 136.3890, 66.7970**, and if you desaturate by 10%, it is **116.3880, 109.1570, 53.7090**.

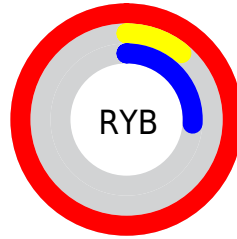
Distribution



Red (100%)

Green (11%)

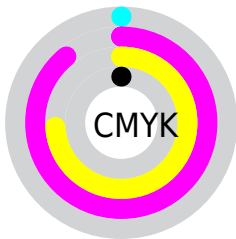
Blue (26%)



Red (100%)

Yellow (11%)

Blue (26%)

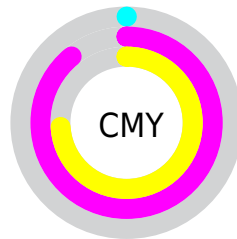


Cyan (0%)

Magenta (89%)

Yellow (74%)

Black (0%)



Cyan (0%)


Magenta (89%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 99.3190, 122.7730, 60.2530 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 99.3190, 122.7730, 60.2530 by changing the saturation by 10% instead.


 99.3190, 122.7730,
60.2530

 99.3190, 122.7730,
60.2530


255.0000, -0.0000,
-0.0000


 71.0950, 117.5920,
60.5360


 150.2890, 86.7860,
35.1220


 58.8340, 104.6650,
47.0090


 171.4500, 69.9150,
26.9950


 46.6440, 92.9760,
33.0720


 192.0240, 53.3190,
19.3910

 36.8910, 72.9870,
26.3870

 213.2990, 36.1270,
11.5750

 27.8500, 53.8690,
20.4370

 234.1010, 18.8890,
4.5930

 18.5810, 35.3930,
13.8650

254.4300, 1.6050,

 6.8770, 13.7080,

-1.5550

4.8760

■ 0.0000, 0.0000,
0.0000

■ 99.3190, 122.7730,
60.2530

■ 99.3190, 122.7730,
60.2530

■ 82.2500, 136.3890,
66.7970

■ 116.3880,
109.1570, 53.7090

■ 80.9620, 137.2600,
67.5320

■ 134.0440, 95.2660,
46.6420

■ 151.1130, 81.6500,
40.0980

■ 168.7690, 67.7590,
33.0310

■ 185.8380, 54.1430,
26.4870

■ 202.9070, 40.5270,
19.9430

■ 220.5630, 26.6360,
12.8760

■ 237.6320, 13.0200,
6.3320

254.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



92.3190, 106.7190, 97.9110



99.3190, 122.7730, 60.2530



118.0230, 106.6450, 0.0930

Triad

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



99.3190, 122.7730, 60.2530



95.4480, -53.8140, -71.0140



113.0110, -121.1800, 4.5160

Complementary

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



99.3190, 122.7730, 60.2530



181.6810, -122.7730, -60.2530

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.



121.2290, -125.0300, -2.8060



99.3190, 122.7730, 60.2530



107.6000, -82.5200, -46.3600

Square

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



99.3190, 122.7730, 60.2530



111.7260, 13.1690, -56.9670



117.0790, -107.8330, -22.6250



123.5070, -56.9060, 40.1340

Rectangle

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



99.3190, 122.7730, 60.2530



122.8200, 78.6350, -20.9250



117.0790, -107.8330, -22.6250



116.5330, -122.8300, 1.3780

Sweetspot

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



99.3190, 122.7730, 60.2530



207.9990, 37.2720, 18.3600



108.1930, 37.3930, 109.8170



100.0570, 22.1890, 10.8690



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.



99.3190, 122.7730, 60.2530



81.2610, 137.8560, 67.7440



137.1370, 115.4920, 10.4680



119.1150, 7.1060, 3.3780



60.8710, 103.2430, 50.7550



20.3900, 34.6130, 16.9890

Inverse Universe

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



99.3190, 122.7730, 60.2530



81.2610, 137.8560, 67.7440



143.8630, -115.4920, -10.4680



119.1150, 7.1060, 3.3780



60.8710, 103.2430, 50.7550



20.3900, 34.6130, 16.9890

Previews

White Background



This preview shows how the YIQ color 99.3190, 122.7730, 60.2530 looks on a white background.

Color Contrast Check

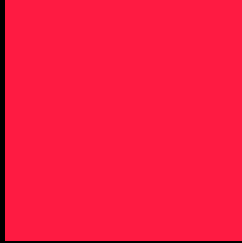
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.3190, 122.7730, 60.2530 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 99.3190, 122.7730, 60.2530

Background



This preview shows how black text looks on a background with the YIQ color 99.3190, 122.7730, 60.2530.



This preview shows how white text looks on a background with the YIQ color 99.3190, 122.7730,

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

99.3190, 122.7730, 60.2530

Protanopia

129.3420, 16.2320, -7.8320

Deuteranopia

127.2680, 45.4390, -14.0250



Tritanopia

100.4270, 130.6160, 44.7600

Trichromacy



Original Color

99.3190, 122.7730, 60.2530

Protanomaly

118.8130, 55.2910, 16.6910

Deuteranomaly

117.4590, 73.7230, 13.0430

Tritanomaly

100.0340, 127.5890, 50.0610

Monochromacy



Original Color

99.3190, 122.7730, 60.2530

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.1140, 44.3780, 21.7380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.3190, 122.7730, 60.2530 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(254, 27, 66)` looks like.

```
.text, #text, p{  
    color:rgb(254, 27, 66)  
}
```

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(254, 27, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 27, 66) }
```

Border

The CSS property to change the border of an element to YIQ 99.3190, 122.7730, 60.2530 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(254, 27, 66) }
```


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

```
.border{ border-color:rgb(254, 27, 66) }
```

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

Here you see how a box with a 4 pixel rgb(254, 27, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 27, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 27, 66);  
box-shadow:4px 4px 4px 4px rgb(254, 27,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 99.3190, 122.7730, 60.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 27, 66) }
```

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

```
.background{ background-color: rgb(254, 27,  
66) }
```

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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