

Converting Colors

YIQ(93.7990, 130.1090, 59.4610)

Have a look what the booklet for
YIQ(93.7990, 130.1090, 59.4610)
contains.

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Color

**YIQ(93.7990, 130.1090,
59.4610)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1433
RGB	255, 20, 51
RGB Percent	100%, 8%, 20%
CMY	0.0000, 0.9218, 0.7995
CMYK	0.00, 0.92, 0.80, 0.00
HSL	352°, 100%, 54%
HSV	352°, 92%, 100%
XYZ	42.0887, 21.9970, 5.1740
YIQ	93.7990, 130.1090, 59.4610

Conversions

Conversions Part 2

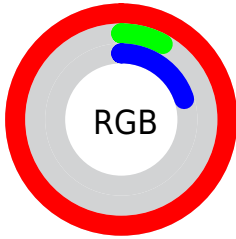
Format	Color
R_{YB}	255, 20, 51
Decimal	16716851
CIE _{Lab}	54.02, 79.28, 48.29
CIE _{LCh}	54, 92.828, 31.346
Yxy	21.9970, 0.6077, 0.3176
Android (android.graphics.Color)	4294906931 (0xFFFF1433)
YUV	93.7990, -21.0999, 141.3733
Hunter-Lab	46.9009, 78.1087, 26.2899

Details

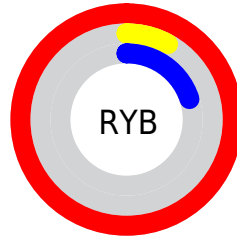
The YIQ color **93.7990, 130.1090, 59.4610** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **181.2010, -130.1090, -59.4610**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.2910, 92.4720, 31.1920**, and **57.0100, 109.8010, 42.0330** is the 20% darker color. If you saturate the color by 10%, you get **80.1210, 141.0660, 64.6340**, and if you desaturate by 10%, it is **110.9820, 116.1720, 53.2280**.

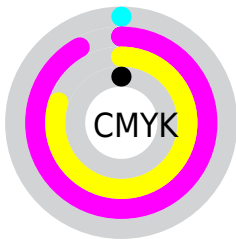
Distribution



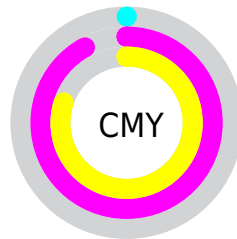
- Red (100%)
- Green (8%)
- Blue (20%)



- Red (100%)
- Yellow (8%)
- Blue (20%)



- Cyan (0%)
- Magenta (92%)
- Yellow (80%)
- Black (0%)





- Cyan (0%)
- Magenta (92%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 93.7990, 130.1090, 59.4610 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 93.7990, 130.1090, 59.4610 by changing the saturation by 10% instead.


 93.7990, 130.1090,
59.4610


 93.7990, 130.1090,
59.4610


255.0000, -0.0000,
-0.0000


 69.6840, 123.0030,
56.0830


 147.4050, 92.1510,
31.5030


 57.0100, 109.8010,
42.0330


 168.4520, 75.6010,
23.0650


 46.6440, 92.9760,
33.0720


 189.0260, 59.0050,
15.4610

 36.8910, 72.9870,
26.3870

 209.7140, 42.0880,
8.1680

 27.5510, 53.2730,
20.2250

 230.9890, 24.8960,
0.3520

 18.2820, 34.7970,
13.6530

 251.9050, 7.3370,

 6.5780, 13.1120,

-6.3190

4.6640

■ 0.0000, 0.0000,
0.0000

■ 93.7990, 130.1090,
59.4610

■ 93.7990, 130.1090,
59.4610

■ 80.1210, 141.0660,
64.6340

■ 110.9820,
116.1720, 53.2280

■ 128.7520,
101.9600, 46.4720

■ 145.9350, 88.0230,
40.2390

■ 163.8190, 73.4900,
33.7940

■ 181.0020, 59.5530,
27.5610

■ 198.7720, 45.3410,
20.8050

■ 215.9550, 31.4040,
14.5720

■ 233.7250, 17.1920,
7.8160

■ 250.9080, 3.2550,
1.5830

Harmonies

Analogous

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



90.9510, 110.5710, 94.1790



93.7990, 130.1090, 59.4610



118.2890, 102.8400, -2.5360

Triad

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



93.7990, 130.1090, 59.4610



96.9470, -56.6570, -69.0490



111.2500, -120.3550, 6.0850

Complementary

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



93.7990, 130.1090, 59.4610



181.2010, -130.1090, -59.4610

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.



120.6420, -124.7550, -2.2830



93.7990, 130.1090, 59.4610



109.4410, -86.3260, -43.4620

Square

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



93.7990, 130.1090, 59.4610



106.6210, 0.1030, -62.4650



118.5610, -112.0060, -18.5820



125.6880, -40.9980, 49.1940

Rectangle

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



93.7990, 130.1090, 59.4610



122.1890, 73.0420, -24.1900



118.5610, -112.0060, -18.5820



115.3590, -122.2800, 2.4240

Sweetspot

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



93.7990, 130.1090, 59.4610



206.2550, 39.4270, 17.8510



107.7860, 46.1490, 116.3330



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.



93.7990, 130.1090, 59.4610



80.1210, 141.0660, 64.6340



140.7470, 116.4100, 4.8420



119.0010, 7.4270, 3.0670



59.9590, 105.8110, 48.2670



20.0480, 35.5760, 16.0560

Inverse Universe

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



93.7990, 130.1090, 59.4610



80.1210, 141.0660, 64.6340



134.2530, -116.4100, -4.8420



119.0010, 7.4270, 3.0670



59.9590, 105.8110, 48.2670



20.0480, 35.5760, 16.0560

Previews

White Background



This preview shows how the YIQ color 93.7990, 130.1090, 59.4610 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 93.7990, 130.1090, 59.4610 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 93.7990, 130.1090, 59.4610

Background



This preview shows how black text looks on a background with the YIQ color 93.7990, 130.1090, 59.4610.



This preview shows how white text looks on a background with the YIQ color 93.7990, 130.1090,

59.4610.

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

93.7990, 130.1090, 59.4610

Protanopia

127.6600, 23.8440, -13.6280

Deuteranopia

124.5860, 53.0510, -19.8210



Tritanopia

94.8470, 138.1810, 45.3250

Trichromacy



Original Color

93.7990, 130.1090, 59.4610

Protanomaly

115.2990, 62.4900, 12.8740

Deuteranomaly

113.5320, 80.6470, 8.7030

Tritanomaly

94.4540, 135.1540, 50.6260

Monochromacy



Original Color

93.7990, 130.1090, 59.4610

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9680, 47.7250, 21.6530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.7990, 130.1090, 59.4610 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(255, 20, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 20, 51)  
}
```

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(255, 20, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 20, 51) }
```

Border

The CSS property to change the border of an element to YIQ 93.7990, 130.1090, 59.4610 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(255, 20, 51) }
```


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

```
.border{ border-color:rgb(255, 20, 51) }
```

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

Here you see how a box with a 4 pixel rgb(255, 20, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 20, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 20, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 20,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 93.7990, 130.1090, 59.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 20, 51) }
```

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

```
.background{ background-color: rgb(255, 20,  
51) }
```

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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