

Converting Colors

YIQ(74.5650, 148.0830, 53.0990)

Have a look what the booklet for
YIQ(74.5650, 148.0830, 53.0990)
contains.

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Color

**YIQ(74.5650, 148.0830,
53.0990)**

Conversions

Conversions Part 1

Format	Color
Hex	F90001
RGB	249, 0, 1
RGB Percent	98%, 0%, 0%
CMY	0.0229, 0.9997, 0.9955
CMYK	0.00, 1.00, 1.00, 0.02
HSL	360°, 100%, 49%
HSV	360°, 100%, 98%
XYZ	39.1272, 20.1701, 1.8640
YIQ	74.5650, 148.0830, 53.0990

Conversions

Conversions Part 2

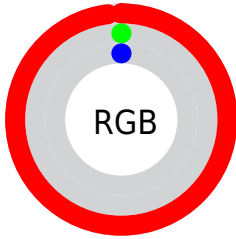
Format	Color
R_{YB}	249, 0, 1
Decimal	16318465
CIE Lab	52.03, 78.72, 65.75
CIE LCh	52, 102.564, 39.868
Yxy	20.1701, 0.6397, 0.3298
Android (android.graphics.Color)	4294508545 (0xFFFF90001)
YUV	74.5650, -36.2675, 152.9795
Hunter-Lab	44.9111, 76.9172, 28.9770

Details

The YIQ color **74.5650, 148.0830, 53.0990** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **174.4350, -148.0830, -53.0990**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.7360, 106.9160, 22.7240**, and **54.4180, 108.4720, 38.5840** is the 20% darker color. If you saturate the color by 10%, you get **74.5650, 148.0830, 53.0990**, and if you desaturate by 10%, it is **92.0900, 133.1830, 47.7990**.

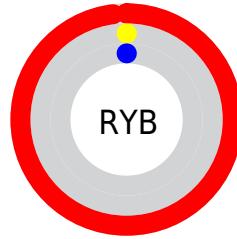
Distribution



Red (98%)

Green (0%)

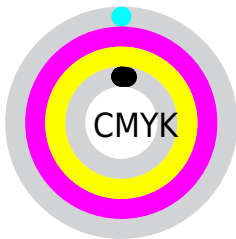
Blue (0%)



Red (98%)

Yellow (0%)

Blue (0%)

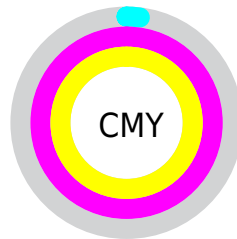


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (2%)



Cyan (2%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 74.5650, 148.0830, 53.0990 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 74.5650, 148.0830, 53.0990 by changing the saturation by 10% instead.


 74.5650, 148.0830,
53.0990


 74.5650, 148.0830,
53.0990


 254.2020, 2.2470,
-2.1770


 64.2850, 128.1400,
45.5800


 138.7360,
106.9160, 22.7240


 54.4180, 108.4720,
38.5840


 159.7830, 90.3660,
14.2860


 44.2520, 88.2080,
31.3760


 180.9440, 73.4950,
6.1590

 34.9120, 68.4940,
25.2140

 201.5180, 56.8990,
-1.4450

 25.8710, 49.3760,
19.2640

 222.2060, 39.9820,
-8.7380

 16.0750, 30.9460,
11.8580

 243.5950, 22.4690,


 0.8970, 1.7880,


-16.2430

0.6360


 250.8960, 11.5560,
-11.1960


 0.0000, 0.0000,
0.0000


 74.5650, 148.0830,
53.0990

 92.0900, 133.1830,
47.7990

 109.6150,
118.2830, 42.4990

 127.1400,
103.3830, 37.1990

 144.5510, 88.8040,
31.5880

 162.0760, 73.9040,
26.2880

■ 179.6010, 59.0040,
20.9880

■ 196.5390, 44.3790,
16.2110

■ 214.0640, 29.4790,
10.9110

■ 231.4750, 14.9000,
5.3000

Harmonies

Analogous

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



87.6450, 119.8800, 85.1600



74.5650, 148.0830, 53.0990



115.5540, 91.6080, -8.2320

Triad

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



74.5650, 148.0830, 53.0990



96.8960, -60.6470, -62.8150



104.2060, -117.0550, 12.3610

Complementary

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



74.5650, 148.0830, 53.0990



174.4350, -148.0830, -53.0990

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.



117.1200, -123.1050, 0.8550



74.5650, 148.0830, 53.0990



110.0740, -92.2420, -35.3620

Square

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



74.5650, 148.0830, 53.0990



86.2890, -40.4250, -76.8810



119.7640, -119.5270, -8.9270



121.7770, -12.6670, 69.9010

Rectangle

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



74.5650, 148.0830, 53.0990



116.4750, 57.3170, -31.0590



119.7640, -119.5270, -8.9270



110.0760, -119.8050, 7.1310

Sweetspot

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



74.5650, 148.0830, 53.0990



201.7240, 45.2960, 16.1120



101.6410, 66.0910, 129.3790



95.7540, 27.4160, 9.7520



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.



74.5650, 148.0830, 53.0990



76.3590, 151.6590, 54.3710



144.8910, 115.4040, -9.9720



116.0010, 7.4270, 3.0670



56.6250, 112.3230, 40.3790



18.2390, 36.3560, 12.9320

Inverse Universe

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



74.5650, 148.0830, 53.0990



76.3590, 151.6590, 54.3710



104.1090, -115.4040, 9.9720



116.0010, 7.4270, 3.0670



56.6250, 112.3230, 40.3790



18.2390, 36.3560, 12.9320

Previews

White Background



This preview shows how the YIQ color 74.5650, 148.0830, 53.0990 looks on a white background.

Color Contrast Check

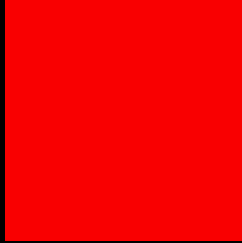
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.5650, 148.0830, 53.0990 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 74.5650, 148.0830, 53.0990

Background



This preview shows how black text looks on a background with the YIQ color 74.5650, 148.0830, 53.0990.



This preview shows how white text looks on a background with the YIQ color 74.5650, 148.0830,

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

74.5650, 148.0830, 53.0990

Protanopia

119.7690, 39.1140, -26.0540

Deuteranopia

117.0950, 61.4430, -28.7410



Tritanopia

87.3540, 140.8870, 40.3350

Trichromacy



Original Color

74.5650, 148.0830, 53.0990

Protanomaly

103.1740, 78.5390, 2.8510

Deuteranomaly

101.7210, 92.9360, 0.7440

Tritanomaly

82.9570, 143.6830, 44.7310

Monochromacy



Original Color

74.5650, 148.0830, 53.0990

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.9100, 53.6400, 19.0800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.5650, 148.0830, 53.0990 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(249, 0, 1)` looks like.

```
.text, #text, p{  
    color:rgb(249, 0, 1)  
}
```

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(249, 0, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 0, 1) }
```

Border

The CSS property to change the border of an element to YIQ 74.5650, 148.0830, 53.0990 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(249, 0, 1) }
```


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

```
.border{ border-color:rgb(249, 0, 1) }
```

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

Here you see how a box with a 4 pixel rgb(249, 0, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 0, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(249, 0, 1); box-shadow:4px  
4px 4px 4px rgb(249, 0, 1) }
```

Background

The CSS property to change the background color of an element to YIQ 74.5650, 148.0830, 53.0990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 0, 1) }
```

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

```
.background{ background-color: rgb(249, 0,  
1) }
```

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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