

Converting Colors

YIQ(75.6900, 149.2290, 54.3570)

Have a look what the booklet for
YIQ(75.6900, 149.2290, 54.3570)
contains.

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Color

**YIQ(75.6900, 149.2290,
54.3570)**

Conversions

Conversions Part 1

Format	Color
Hex	FC0003
RGB	252, 0, 3
RGB Percent	99%, 0%, 1%
CMY	0.0112, 0.9997, 0.9876
CMYK	0.00, 1.00, 0.99, 0.01
HSL	359°, 100%, 49%
HSV	359°, 100%, 99%
XYZ	40.2177, 20.7310, 1.9722
YIQ	75.6900, 149.2290, 54.3570

Conversions

Conversions Part 2

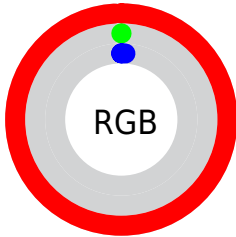
Format	Color
R_{YB}	252, 0, 3
Decimal	16515075
CIE Lab	52.65, 79.45, 65.84
CIE LCh	53, 103.189, 39.650
Yxy	20.7310, 0.6392, 0.3295
Android (android.graphics.Color)	4294705155 (0xFFFC0003)
YUV	75.6900, -35.8362, 154.6239
Hunter-Lab	45.5313, 77.9889, 29.3037

Details

The YIQ color **75.6900, 149.2290, 54.3570** 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 **176.3100, -149.2290, -54.3570**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.4370, 106.3200, 22.5120**, and **55.0160, 109.6640, 39.0080** is the 20% darker color. If you saturate the color by 10%, you get **75.6900, 149.2290, 54.3570**, and if you desaturate by 10%, it is **93.2150, 134.3290, 49.0570**.

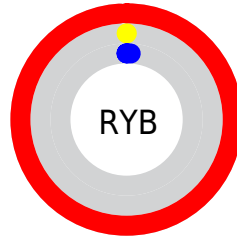
Distribution



Red (99%)

Green (0%)

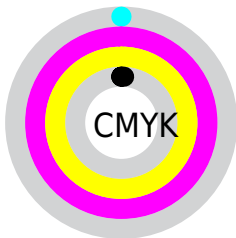
Blue (1%)



Red (99%)

Yellow (0%)

Blue (1%)

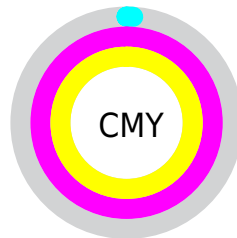


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (1%)



Cyan (1%)


Magenta (100%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 75.6900, 149.2290, 54.3570 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 75.6900, 149.2290, 54.3570 by changing the saturation by 10% instead.


 75.6900, 149.2290,
54.3570


 75.6900, 149.2290,
54.3570


 254.4300, 1.6050,
-1.5550


 65.1820, 129.9280,
46.2160


 139.4370,
106.3200, 22.5120


 55.3150, 110.2600,
39.2200


 160.4840, 89.7700,
14.0740


 45.1490, 89.9960,
32.0120


 181.6450, 72.8990,
5.9470

 35.8090, 70.2820,
25.8500

 202.3330, 55.9820,
-1.3460

 26.4690, 50.5680,
19.6880

 223.0210, 39.0650,
-8.6390

 16.9720, 32.7340,
12.4940


 244.4100, 21.5520,


 3.5880, 7.1520,


-16.1440


2.5440

 251.1240, 10.9140,
-10.5740


 0.0000, 0.0000,
0.0000


 75.6900, 149.2290,
54.3570

 93.2150, 134.3290,
49.0570

 111.3270,
119.1540, 43.2340

 128.8520,
104.2540, 37.9340

 146.3770, 89.3540,
32.6340

 163.9020, 74.4540,
27.3340

■ 181.4270, 59.5540,
22.0340

■ 199.5390, 44.3790,
16.2110

■ 216.9500, 29.8000,
10.6000

■ 234.4750, 14.9000,
5.3000

Harmonies

Analogous

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



87.8730, 119.2380, 85.7820



75.6900, 149.2290, 54.3570



117.0380, 93.1210, -8.1190

Triad

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



75.6900, 149.2290, 54.3570



98.1840, -61.5180, -63.5500



105.3800, -117.6050, 11.3150

Complementary

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



75.6900, 149.2290, 54.3570



176.3100, -149.2290, -54.3570

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.



118.2940, -123.6550, -0.1910



75.6900, 149.2290, 54.3570



110.7750, -92.8380, -35.5740

Square

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



75.6900, 149.2290, 54.3570



87.4630, -40.9750, -77.9270



121.1660, -120.7190, -9.3510



123.2500, -12.6210, 69.0670

Rectangle

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



75.6900, 149.2290, 54.3570



118.2470, 57.9590, -31.6810



121.1660, -120.7190, -9.3510



111.2500, -120.3550, 6.0850

Sweetspot

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



75.6900, 149.2290, 54.3570



201.7240, 45.2960, 16.1120



102.8800, 66.9160, 130.9480



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.



75.6900, 149.2290, 54.3570



76.5870, 151.0170, 54.9930



146.9620, 116.6420, -10.3820



116.0010, 7.4270, 3.0670



56.7390, 112.0020, 40.6900



18.3530, 36.0350, 13.2430

Inverse Universe

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



75.6900, 149.2290, 54.3570



76.5870, 151.0170, 54.9930



105.0380, -116.6420, 10.3820



116.0010, 7.4270, 3.0670



56.7390, 112.0020, 40.6900



18.3530, 36.0350, 13.2430

Previews

White Background



This preview shows how the YIQ color 75.6900, 149.2290, 54.3570 looks on a white background.

Color Contrast Check

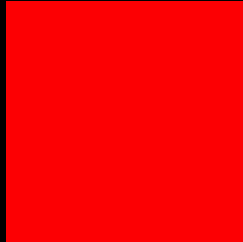
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.6900, 149.2290, 54.3570 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 75.6900, 149.2290, 54.3570

Background



This preview shows how black text looks on a background with the YIQ color 75.6900, 149.2290, 54.3570.



This preview shows how white text looks on a background with the YIQ color 75.6900, 149.2290,

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

75.6900, 149.2290, 54.3570

Protanopia

121.0680, 39.7100, -25.8420

Deuteranopia

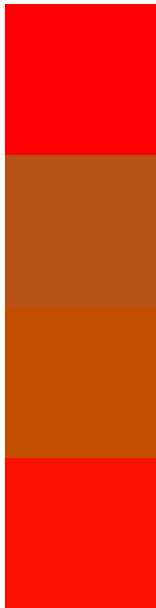
118.8670, 62.0850, -29.3630



Tritanopia

88.2510, 142.6750, 40.9710

Trichromacy



Original Color

75.6900, 149.2290, 54.3570

Protanomaly

104.7720, 79.7310, 3.2750

Deuteranomaly

103.3190, 94.1280, 1.1680

Tritanomaly

83.9680, 145.1500, 45.6780

Monochromacy



Original Color

75.6900, 149.2290, 54.3570

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.7360, 54.1900, 20.1260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.6900, 149.2290, 54.3570 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(252, 0, 3)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 3)  
}
```

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(252, 0, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 3) }
```

Border

The CSS property to change the border of an element to YIQ 75.6900, 149.2290, 54.3570 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(252, 0, 3) }
```


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

```
.border{ border-color:rgb(252, 0, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 0, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(252, 0, 3); box-shadow:4px  
4px 4px 4px rgb(252, 0, 3) }
```

Background

The CSS property to change the background color of an element to YIQ 75.6900, 149.2290, 54.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 3) }
```

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

```
.background{ background-color: rgb(252, 0,  
3) }
```

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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