

Converting Colors

YIQ(75.3580, 81.1970, 9.7490)

Have a look what the booklet for
YIQ(75.3580, 81.1970, 9.7490)
contains.

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Color

**YIQ(75.3580, 81.1970,
9.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	9F2F02
RGB	159, 47, 2
RGB Percent	62%, 18%, 1%
CMY	0.3762, 0.8158, 0.9918
CMYK	0.00, 0.70, 0.99, 0.38
HSL	17°, 97%, 32%
HSV	17°, 99%, 62%
XYZ	15.3362, 9.4110, 1.0682
YIQ	75.3580, 81.1970, 9.7490

Conversions

Conversions Part 2

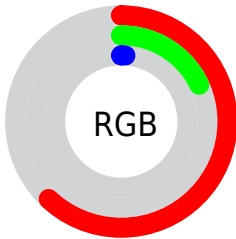
Format	Color
RYB	159, 65, 2
Decimal	10432258
CIELab	36.76, 44.78, 48.16
CIELCh	37, 65.756, 47.084
Yxy	9.4110, 0.5941, 0.3645
Android (android.graphics.Color)	4288622338 (0xFF9F2F02)
YUV	75.3580, -36.1655, 73.3540
Hunter-Lab	30.6773, 35.5505, 19.4095

Details

The YIQ color **75.3580, 81.1970, 9.7490** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **85.6420, -81.1970, -9.7490**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **130.8210, 87.2030, 11.0350**, and **29.6010, 59.0040, 20.9880** is the 20% darker color. If you saturate the color by 10%, you get **73.9560, 82.3890, 10.1730**, and if you desaturate by 10%, it is **83.6390, 73.0360, 8.9720**.

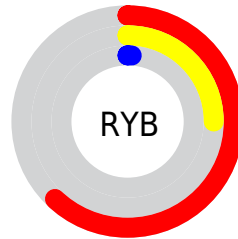
Distribution



Red (62%)

Green (18%)

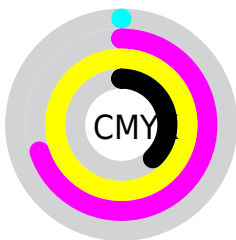
Blue (1%)



Red (62%)

Yellow (25%)

Blue (1%)

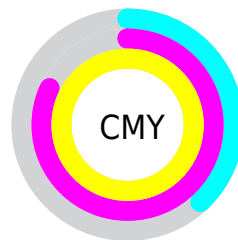


Cyan (0%)

Magenta (70%)

Yellow (99%)

Black (38%)



Cyan (38%)


Magenta (82%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 75.3580, 81.1970, 9.7490 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 75.3580, 81.1970, 9.7490 by changing the saturation by 10% instead.


 75.3580, 81.1970,
9.7490


 75.3580, 81.1970,
9.7490


 253.0620, 5.4570,
-5.2870

 47.9630, 72.4840,
18.9800


 130.8210, 87.2030,
11.0350


 29.6010, 59.0040,
20.9880

 158.3870, 91.4210,
11.6850


 20.9300, 41.7200,
14.8400

 177.6840, 77.1630,
5.7630

 12.9710, 25.3070,
9.4270

 197.0840, 61.1170,
-0.7950

 0.0000, 0.0000,
0.0000

 216.5980, 44.7500,
-7.0420

 236.6990, 28.1080,

-13.8120

■ 249.8700, 14.4450,
-13.9950

■ 75.3580, 81.1970,
9.7490

■ 75.3580, 81.1970,
9.7490

■ 73.9560, 82.3890,
10.1730

■ 83.6390, 73.0360,
8.9720

■ 92.5070, 64.6000,
7.6720

■ 100.7880, 56.4390,
6.8950

■ 109.0690, 48.2780,
6.1180

■ 117.9370, 39.8420,
4.8180

■ 126.2180, 31.6810,
4.0410

■ 134.3850, 23.8410,
2.9530

■ 143.2530, 15.4050,
1.6530

■ 151.5340, 7.2440,
0.8760

Harmonies

Analogous

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



59.3500, 85.9570, 55.6610



75.3580, 81.1970, 9.7490



81.9870, 53.6000, -13.2480

Triad

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



75.3580, 81.1970, 9.7490



69.7630, -49.0060, -36.9900



70.2670, -83.4940, 15.3700

Complementary

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



75.3580, 81.1970, 9.7490



85.6420, -81.1970, -9.7490

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.



80.4740, -88.8110, 7.1010



75.3580, 81.1970, 9.7490



76.6200, -66.9360, -20.4080

Square

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



75.3580, 81.1970, 9.7490



60.4610, -28.3250, -53.8690



81.5050, -82.0690, -4.9570



87.0140, 7.6940, 47.8060

Rectangle

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



75.3580, 81.1970, 9.7490



80.6480, 32.1450, -26.4070



81.5050, -82.0690, -4.9570



74.8320, -86.7030, 12.9530

Sweetspot

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



75.3580, 81.1970, 9.7490



173.5170, 32.2770, 4.2530



61.8250, 57.2990, 68.4270



84.8190, 19.6230, 2.3030



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3580, 81.1970, 9.7490



96.5260, 107.1470, 13.0270



121.1440, 59.7470, -31.0450



74.5660, 4.2180, 0.6500



66.8240, 73.9530, 8.8730



6.8330, 7.8400, 1.0880

Inverse Universe

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



85.6420, -81.1970, -9.7490



110.4740, -107.1470, -13.0270



39.8560, -59.7470, 31.0450



75.4340, -4.2180, -0.6500



76.1760, -73.9530, -8.8730



8.1670, -7.8400, -1.0880

Previews

White Background



This preview shows how the YIQ color 75.3580, 81.1970, 9.7490 looks on a white background.

Color Contrast Check

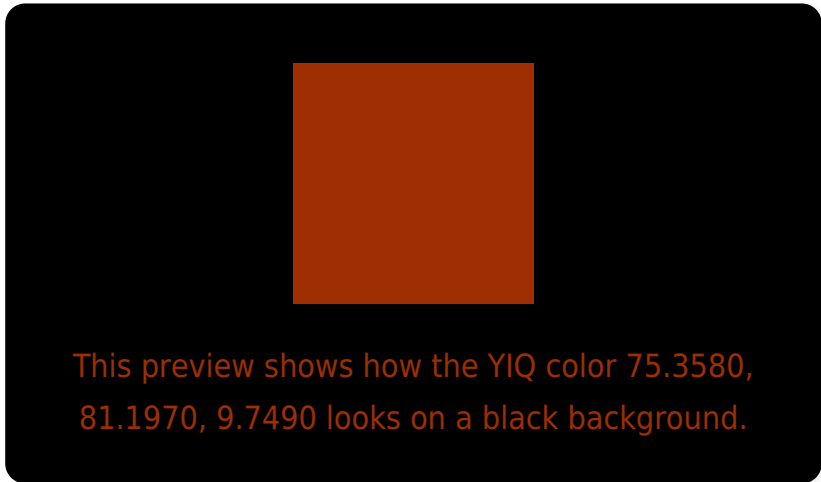
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 75.3580, 81.1970, 9.7490

Background



This preview shows how black text looks on a background with the YIQ color 75.3580, 81.1970, 9.7490.



This preview shows how white text looks on a background with the YIQ color 75.3580, 81.1970,

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

75.3580, 81.1970, 9.7490

Protanopia

83.3090, 29.0260, -19.4380

Deuteranopia

81.9100, 43.3310, -19.8770



Tritanopia

78.9120, 68.4940, 25.2140

Trichromacy



Original Color

75.3580, 81.1970, 9.7490

Protanomaly

80.3980, 48.1890, -8.7950

Deuteranomaly

79.4760, 56.7170, -9.1630

Tritanomaly

77.6750, 73.3550, 19.7150

Monochromacy



Original Color

75.3580, 81.1970, 9.7490

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.3210, 29.8930, 3.4050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.3580, 81.1970, 9.7490 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(159, 47, 2)` looks like.

```
.text, #text, p{  
    color:rgb(159, 47, 2)  
}
```

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(159, 47, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 47, 2) }
```

Border

The CSS property to change the border of an element to YIQ 75.3580, 81.1970, 9.7490 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(159, 47, 2) }
```


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

```
.border{ border-color:rgb(159, 47, 2) }
```

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

Here you see how a box with a 4 pixel rgb(159, 47, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 47, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 47, 2);  
box-shadow:4px 4px 4px 4px rgb(159, 47, 2)  
}
```

Background

The CSS property to change the background color of an element to YIQ 75.3580, 81.1970, 9.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 47, 2) }
```

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

```
.background{ background-color: rgb(159, 47,  
2) }
```

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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