

Converting Colors

YIQ(91.4890, 74.1790, 26.8110)

Have a look what the booklet for
YIQ(91.4890, 74.1790, 26.8110)
contains.

YIQ(91.4890, 74.1790, 26.8110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(91.4890, 74.1790,
26.8110)**

Conversions

Conversions Part 1

Format	Color
Hex	B33637
RGB	179, 54, 55
RGB Percent	70%, 21%, 22%
CMY	0.2977, 0.7884, 0.7840
CMYK	0.00, 0.70, 0.69, 0.30
HSL	359°, 54%, 46%
HSV	359°, 70%, 70%
XYZ	20.6161, 12.5028, 4.9505
YIQ	91.4890, 74.1790, 26.8110

Conversions

Conversions Part 2

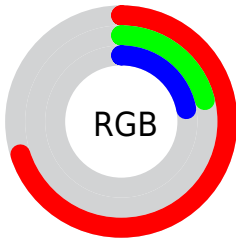
Format	Color
R_{YB}	179, 54, 55
Decimal	11744823
CIE _{Lab}	42.00, 50.40, 28.62
CIE _{LCh}	42, 57.961, 29.594
Yxy	12.5028, 0.5415, 0.3284
Android (android.graphics.Color)	4289934903 (0xFFB33637)
YUV	91.4890, -17.9891, 76.7471
Hunter-Lab	35.3592, 42.1951, 16.4505

Details

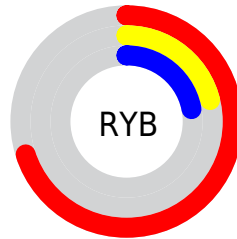
The YIQ color **91.4890, 74.1790, 26.8110** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **141.5110, -74.1790, -26.8110**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **146.7840, 80.5980, 26.1180**, and **36.9490, 67.0720, 28.9600** is the 20% darker color. If you saturate the color by 10%, you get **78.8710, 84.9070, 30.6270**, and if you desaturate by 10%, it is **104.1070, 63.4510, 22.9950**.

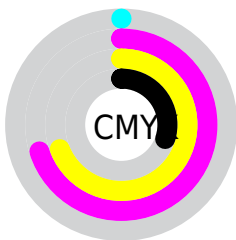
Distribution



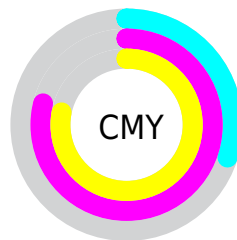
- Red (70%)
- Green (21%)
- Blue (22%)



- Red (70%)
- Yellow (21%)
- Blue (22%)



- Cyan (0%)
- Magenta (70%)
- Yellow (69%)
- Black (30%)



- Cyan (30%)
- Magenta (79%)
- Yellow (78%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.4890, 74.1790, 26.8110 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 91.4890, 74.1790, 26.8110 by changing the saturation by 10% instead.

■ 91.4890, 74.1790,
26.8110

■ 91.4890, 74.1790,
26.8110

■ 255.0000, -0.0000,
-0.0000

■ 61.8140, 71.8860,
29.8220

■ 147.0830, 81.1940,
26.3300

■ 37.0630, 66.7510,
29.2710

■ 170.5550, 73.8130,
22.4290

■ 26.9100, 53.6400,
19.0800

■ 189.3680, 58.0420,
16.3940

■ 18.6520, 36.6310,
13.4550

■ 209.4690, 41.4000,
9.6240

■ 8.7850, 16.9630,
6.4590

■ 229.0970, 24.7120,
3.6880

■ 0.0000, 0.0000,
0.0000

■ 249.8990, 7.4740,

-3.2940

■ 91.4890, 74.1790,
26.8110

■ 91.4890, 74.1790,
26.8110

■ 78.8710, 84.9070,
30.6270

■ 104.1070, 63.4510,
22.9950

■ 66.3670, 95.3140,
34.7540

■ 116.7250, 52.7230,
19.1790

■ 53.7490, 106.0420,
38.5700

■ 129.2290, 42.3160,
15.0520

■ 141.8470, 31.5880,
11.2360

■ 153.8780, 21.1350,
7.9430

■ 166.4960, 10.4070,
4.1270

■ 179.0000, -0.0000,
-0.0000

■ 191.6180,
-10.7280, -3.8160

■ 204.2360,
-21.4560, -7.6320

Harmonies

Analogous

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



91.2760, 62.4380, 46.8700



91.4890, 74.1790, 26.8110



92.8260, 70.4710, -5.1210

Triad

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



91.4890, 74.1790, 26.8110



74.0370, -47.2620, -46.5740



83.8650, -91.4700, 5.7300

Complementary

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



91.4890, 74.1790, 26.8110



141.5110, -74.1790, -26.8110

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.



88.7260, -90.0010, -4.3770



91.4890, 74.1790, 26.8110



81.4980, -64.1370, -32.5930

Square

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



91.4890, 74.1790, 26.8110



86.3970, 13.2580, -42.0540



86.9700, -79.5450, -17.6650



99.7380, -27.2400, 31.1280

Rectangle

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



91.4890, 74.1790, 26.8110



93.4830, 54.8390, -19.1850



86.9700, -79.5450, -17.6650



86.6860, -92.5240, 2.8040

Sweetspot

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



91.4890, 74.1790, 26.8110



197.7650, 28.8830, 10.6990



105.0270, 33.1830, 64.9510



96.6710, 17.2840, 6.1480



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



91.4890, 74.1790, 26.8110



95.5330, 115.5780, 41.9620



126.5950, 58.0000, -4.8800



82.6910, 5.3640, 1.9080



45.8610, 90.8670, 32.7470



7.7740, 15.4960, 5.5120

Inverse Universe

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



91.4890, 74.1790, 26.8110



95.5330, 115.5780, 41.9620



106.4050, -58.0000, 4.8800



82.6910, 5.3640, 1.9080



45.8610, 90.8670, 32.7470



7.7740, 15.4960, 5.5120

Previews

White Background



This preview shows how the YIQ color 91.4890, 74.1790, 26.8110 looks on a white background.

Color Contrast Check

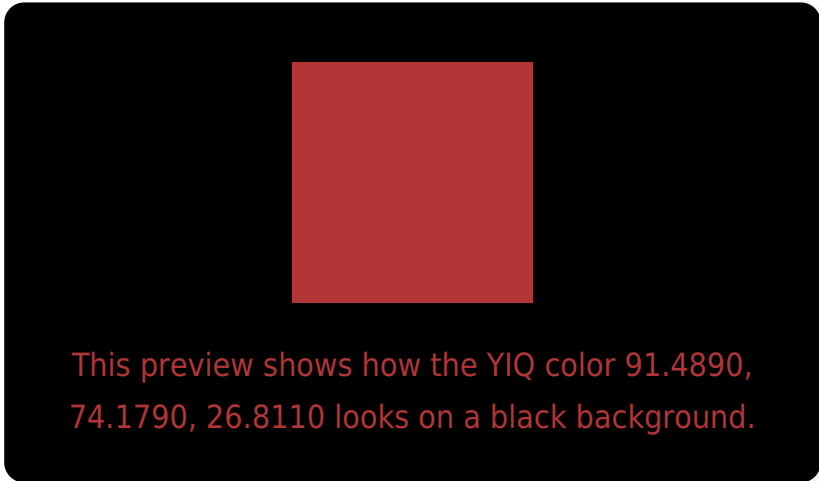
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

YIQ 91.4890, 74.1790, 26.8110

Background



This preview shows how black text looks on a background with the YIQ color 91.4890, 74.1790, 26.8110.



This preview shows how white text looks on a background with the YIQ color 91.4890, 74.1790,

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

91.4890, 74.1790, 26.8110

Protanopia

99.2000, 13.7560, -7.0120

Deuteranopia

98.0140, 31.7750, -8.6810



Tritanopia

91.6030, 73.8580, 27.1220

Trichromacy



Original Color

91.4890, 74.1790, 26.8110

Protanomaly

96.3110, 35.8530, 5.5250

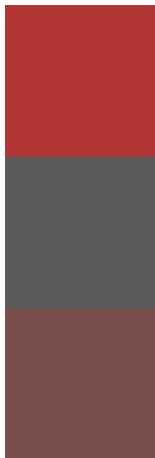
Deuteranomaly

95.5310, 46.8570, 4.3370

Tritanomaly

91.6030, 73.8580, 27.1220

Monochromacy



Original Color

91.4890, 74.1790, 26.8110

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

91.4550, 26.8200, 9.5400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.4890, 74.1790, 26.8110 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(179, 54, 55)` looks like.

```
.text, #text, p{  
    color:rgb(179, 54, 55)  
}
```

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(179, 54, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 54, 55) }
```

Border

The CSS property to change the border of an element to YIQ 91.4890, 74.1790, 26.8110 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(179, 54, 55) }
```


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

```
.border{ border-color:rgb(179, 54, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 54, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 54, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 54, 55);  
box-shadow:4px 4px 4px 4px rgb(179, 54,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 91.4890, 74.1790, 26.8110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 54, 55) }
```

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

```
.background{ background-color: rgb(179, 54,  
55) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor