

Converting Colors

YIQ(72.7840, 54.2350, 24.8190)

Have a look what the booklet for
YIQ(72.7840, 54.2350, 24.8190)
contains.

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Color

**YIQ(72.7840, 54.2350,
24.8190)**

Conversions

Conversions Part 1

Format	Color
Hex	8C2A37
RGB	140, 42, 55
RGB Percent	55%, 16%, 22%
CMY	0.4507, 0.8354, 0.7841
CMYK	0.00, 0.70, 0.61, 0.45
HSL	352°, 54%, 36%
HSV	352°, 70%, 55%
XYZ	12.3429, 7.5101, 4.4201
YIQ	72.7840, 54.2350, 24.8190

Conversions

Conversions Part 2

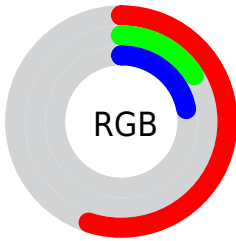
Format	Color
R_{YB}	140, 42, 55
Decimal	9185847
CIE Lab	32.94, 42.25, 15.64
CIE LCh	33, 45.050, 20.321
Yxy	7.5101, 0.5085, 0.3094
Android (android.graphics.Color)	4287375927 (0xFF8C2A37)
YUV	72.7840, -8.7675, 58.9484
Hunter-Lab	27.4046, 32.4375, 9.6204

Details

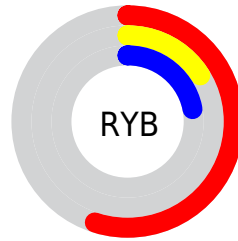
The YIQ color **72.7840, 54.2350, 24.8190** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **109.2160, -54.2350, -24.8190**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.0080, 59.4160, 24.5360**, and **26.4840, 46.2120, 21.5400** is the 20% darker color. If you saturate the color by 10%, you get **63.1980, 61.9370, 28.4090**, and if you desaturate by 10%, it is **82.3700, 46.5330, 21.2290**.

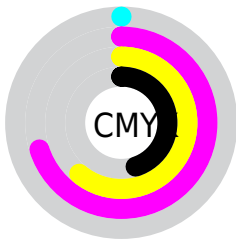
Distribution



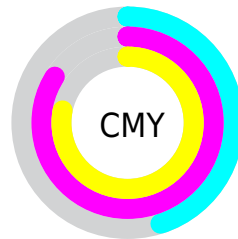
- Red (55%)
- Green (16%)
- Blue (22%)



- Red (55%)
- Yellow (16%)
- Blue (22%)



- Cyan (0%)
- Magenta (70%)
- Yellow (61%)
- Black (45%)



- Cyan (45%)
- Magenta (84%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.7840, 54.2350, 24.8190 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 72.7840, 54.2350, 24.8190 by changing the saturation by 10% instead.

72.7840, 54.2350,
24.8190

72.7840, 54.2350,
24.8190

255.0000, -0.0000,
-0.0000

43.8210, 52.8130,
28.5650

126.0080, 59.4160,
24.5360

26.4840, 46.2120,
21.5400

153.0900, 62.1210,
25.0730

17.3420, 34.5680,
12.2960

179.9760, 62.4420,
24.7620

7.2900, 13.9830,
5.3990

199.3760, 46.3960,
18.2040

0.0000, 0.0000,
0.0000

219.0040, 29.7080,
12.2680

238.6320, 13.0200,

■ 72.7840, 54.2350,
24.8190

■ 72.7840, 54.2350,
24.8190

■ 63.1980, 61.9370,
28.4090

■ 82.3700, 46.5330,
21.2290

■ 53.6120, 69.6390,
31.9990

■ 91.9560, 38.8310,
17.6390

■ 44.0260, 77.3410,
35.5890

■ 101.5420, 31.1290,
14.0490

■ 111.2420, 23.1060,
10.7700

■ 120.8280, 15.4040,
7.1800

■ 130.4140, 7.7020,
3.5900

■ 140.0000, 0.0000,
0.0000

■ 149.5860, -7.7020,
-3.5900

■ 159.1720,
-15.4040, -7.1800

Harmonies

Analogous

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



74.8060, 39.9740, 35.4780



72.7840, 54.2350, 24.8190



73.6520, 53.8260, 4.6900

Triad

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



72.7840, 54.2350, 24.8190



62.6000, -20.6260, -33.6980



66.7670, -70.8830, 1.5730

Complementary

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



72.7840, 54.2350, 24.8190



109.2160, -54.2350, -24.8190

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.



69.0520, -67.6720, -7.0640



72.7840, 54.2350, 24.8190



61.8870, -46.1190, -28.7350

Square

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



72.7840, 54.2350, 24.8190



69.9500, 19.4910, -28.3570



66.6920, -58.2710, -17.7510



74.6300, -36.2240, 17.7280

Rectangle

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



72.7840, 54.2350, 24.8190



73.2300, 48.6020, -10.7740



66.6920, -58.2710, -17.7510



68.1860, -70.7450, -0.9290

Sweetspot

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



72.7840, 54.2350, 24.8190



154.9320, 21.0430, 9.6110



77.9890, 18.0100, 48.0740



76.2190, 12.7450, 5.8090



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



72.7840, 54.2350, 24.8190



76.7280, 84.1720, 38.4440



91.2600, 49.0580, 2.9940



64.2070, 3.8510, 1.7950



41.8190, 73.4900, 33.7940



1.6090, 2.6590, 1.3710

Inverse Universe

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



72.7840, 54.2350, 24.8190



76.7280, 84.1720, 38.4440



90.7400, -49.0580, -2.9940



64.2070, 3.8510, 1.7950



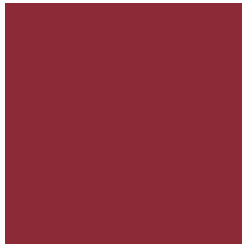
41.8190, 73.4900, 33.7940



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 72.7840, 54.2350, 24.8190 looks on a white background.

Color Contrast Check

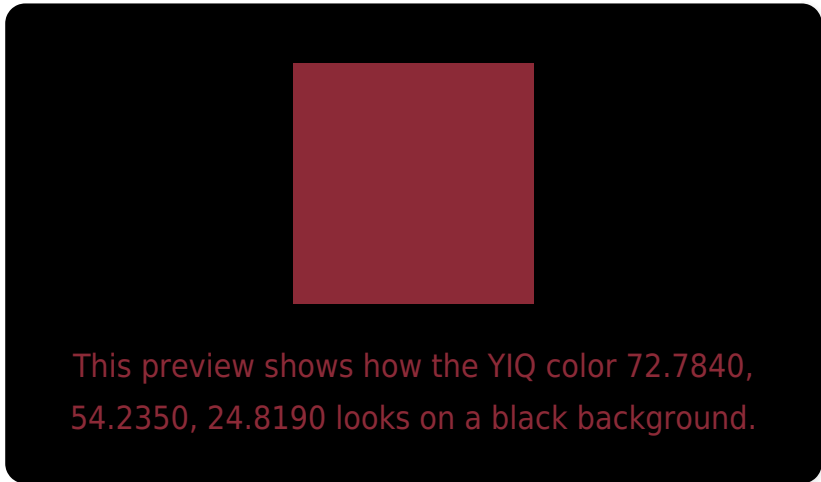
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.7840, 54.2350, 24.8190

Background



This preview shows how black text looks on a background with the YIQ color 72.7840, 54.2350, 24.8190.



This preview shows how white text looks on a background with the YIQ color 72.7840, 54.2350,

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

72.7840, 54.2350, 24.8190

Protanopia

78.3980, 4.6310, -1.3290

Deuteranopia

78.1300, 19.9450, -3.5350



Tritanopia

72.9320, 56.5740, 20.9740

Trichromacy



Original Color

72.7840, 54.2350, 24.8190

Protanomaly

76.3620, 22.6480, 8.0560

Deuteranomaly

76.0980, 32.1390, 6.7550

Tritanomaly

72.6870, 55.8860, 22.4300

Monochromacy



Original Color

72.7840, 54.2350, 24.8190

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

72.9210, 19.5760, 8.6640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.7840, 54.2350, 24.8190 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(140, 42, 55)` looks like.

```
.text, #text, p{  
    color:rgb(140, 42, 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(140, 42, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 42, 55) }
```

Border

The CSS property to change the border of an element to YIQ 72.7840, 54.2350, 24.8190 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(140, 42, 55) }
```


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

```
.border{ border-color:rgb(140, 42, 55) }
```

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

Here you see how a box with a 4 pixel rgb(140, 42, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 42, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 42, 55);  
box-shadow:4px 4px 4px 4px rgb(140, 42,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 72.7840, 54.2350, 24.8190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 42, 55) }
```

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

```
.background{ background-color: rgb(140, 42,  
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](#).

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