

Converting Colors

YIQ(79.5260, 54.4210, 10.4290)

Have a look what the booklet for
YIQ(79.5260, 54.4210, 10.4290)
contains.

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Color

**YIQ(79.5260, 54.4210,
10.4290)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 8A3A25 |
| RGB | 138, 58, 37 |
| RGB Percent | 54%, 23%, 15% |
| CMY | 0.4586, 0.7727, 0.8547 |
| CMYK | 0.00, 0.58, 0.73, 0.46 |
| HSL | 12°, 58%, 34% |
| HSV | 12°, 73%, 54% |
| XYZ | 12.3349, 8.5638, 2.7580 |
| YIQ | 79.5260, 54.4210, 10.4290 |

Conversions

Conversions Part 2

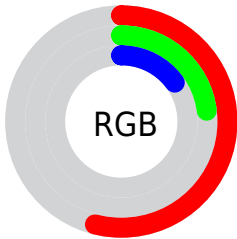
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 138, 64, 37 |
| Decimal | 9058853 |
| CIE Lab | 35.13, 32.75, 29.42 |
| CIE LCh | 35, 44.027, 41.929 |
| Yxy | 8.5638, 0.5214, 0.3620 |
| Android (android.graphics.Color) | 4287248933 (0xFF8A3A25) |
| YUV | 79.5260, -20.9653, 51.2817 |
| Hunter-Lab | 29.2640, 24.0269, 14.8969 |

Details

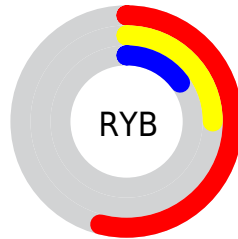
The YIQ color **79.5260, 54.4210, 10.4290** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **95.4740, -54.4210, -10.4290**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **131.4620, 60.4730, 10.8810**, and **28.6270, 46.9470, 13.7230** is the 20% darker color. If you saturate the color by 10%, you get **71.4730, 61.9400, 11.8280**, and if you desaturate by 10%, it is **87.5790, 46.9020, 9.0300**.

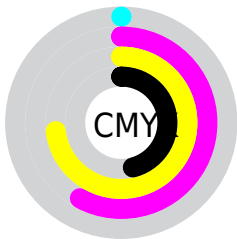
Distribution



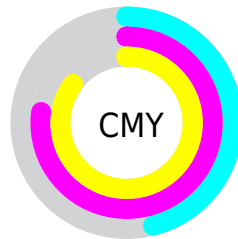
- Red (54%)
- Green (23%)
- Blue (15%)



- Red (54%)
- Yellow (25%)
- Blue (15%)



- Cyan (0%)
- Magenta (58%)
- Yellow (73%)
- Black (46%)



- Cyan (46%)
- Magenta (77%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.5260, 54.4210, 10.4290 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 79.5260, 54.4210, 10.4290 by changing the saturation by 10% instead.

■ 79.5260, 54.4210,
10.4290

■ 79.5260, 54.4210,
10.4290

■ 255.0000, -0.0000,
-0.0000

■ 54.6720, 51.0740,
10.5140

■ 131.4620, 60.4730,
10.8810

■ 28.6270, 46.9470,
13.7230

■ 158.4300, 63.4990,
11.1070

■ 16.4450, 32.7800,
11.6600

■ 185.3270, 65.2870,
11.7430

■ 7.2900, 13.9830,
5.3990

■ 204.7270, 49.2410,
5.1850

■ 0.0000, 0.0000,
0.0000

■ 224.2410, 32.8740,
-1.0620

■ 244.4560, 15.9110,

-7.5210

253.5180, 4.1730,
-4.0430

79.5260, 54.4210,
10.4290

79.5260, 54.4210,
10.4290

71.4730, 61.9400,
11.8280

87.5790, 46.9020,
9.0300

63.4200, 69.4590,
13.2270

95.6320, 39.3830,
7.6310

58.2850, 74.2730,
14.0890

103.5710, 32.1850,
5.9210

111.6240, 24.6660,
4.5220

119.6770, 17.1470,
3.1230

■ 127.7300, 9.6280,
1.7240

■ 135.7830, 2.1090,
0.3250

■ 143.7220, -5.0890,
-1.3850

■ 151.1880,
-12.3330, -2.2610

Harmonies

Analogous

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



79.2230, 51.6210, 28.1410



79.5260, 54.4210, 10.4290



78.6320, 47.4100, -11.1980

Triad

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



79.5260, 54.4210, 10.4290



64.2520, -45.8890, -32.9050



74.4320, -53.4620, 10.7460

Complementary

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



79.5260, 54.4210, 10.4290



95.4740, -54.4210, -10.4290

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.



70.9900, -73.1290, -1.7770



79.5260, 54.4210, 10.4290



69.0570, -58.0410, -21.9210

Square

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



79.5260, 54.4210, 10.4290



71.4940, -5.5880, -30.9000



72.2320, -68.3590, -11.1350



85.2170, -0.9680, 28.5680

Rectangle

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



79.5260, 54.4210, 10.4290



77.4360, 35.8580, -22.1100



72.2320, -68.3590, -11.1350



67.9240, -72.7630, 2.6050

Sweetspot

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



79.5260, 54.4210, 10.4290



155.6560, 21.6400, 4.2960



76.4330, 34.1950, 46.6030



75.8120, 12.3330, 2.2610



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



79.5260, 54.4210, 10.4290



87.6130, 85.0930, 16.2370



108.8760, 40.6710, -15.7210



64.6800, 3.8970, 0.9610



55.6160, 71.8430, 14.0750



2.0820, 2.7050, 0.5370

Inverse Universe

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



95.4740, -54.4210, -10.4290



112.3870, -85.0930, -16.2370



66.1240, -40.6710, 15.7210



65.7330, -3.6220, -0.4380



76.7970, -71.5680, -13.5520



2.9180, -2.7050, -0.5370

Previews

White Background



This preview shows how the YIQ color 79.5260, 54.4210, 10.4290 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

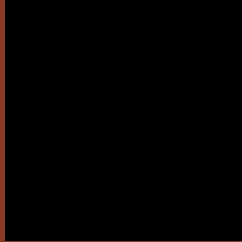
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.5260, 54.4210, 10.4290

Background



This preview shows how black text looks on a background with the YIQ color 79.5260, 54.4210, 10.4290.



This preview shows how white text looks on a background with the YIQ color 79.5260, 54.4210,

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

79.5260, 54.4210, 10.4290

Protanopia

81.9460, 17.2870, -10.4330

Deuteranopia

81.1170, 29.9870, -9.3170



Tritanopia

80.5720, 48.7800, 19.0520

Trichromacy



Original Color

79.5260, 54.4210, 10.4290

Protanomaly

81.4040, 30.8570, -3.0550

Deuteranomaly

80.2370, 38.6970, -1.9670

Tritanomaly

80.2470, 51.0730, 16.0410

Monochromacy



Original Color

79.5260, 54.4210, 10.4290

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

79.7590, 19.8520, 3.6600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.5260, 54.4210, 10.4290 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(138, 58, 37)` looks like.

```
.text, #text, p{  
    color:rgb(138, 58, 37)  
}
```

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(138, 58, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 58, 37) }
```

Border

The CSS property to change the border of an element to YIQ 79.5260, 54.4210, 10.4290 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(138, 58, 37) }
```


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

```
.border{ border-color:rgb(138, 58, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 58, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 58, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 58, 37);  
box-shadow:4px 4px 4px 4px rgb(138, 58,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 79.5260, 54.4210, 10.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 58, 37) }
```

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

```
.background{ background-color: rgb(138, 58,  
37) }
```

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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