

Converting Colors

YIQ(95.4160, 58.0870, 21.0870)

Have a look what the booklet for
YIQ(95.4160, 58.0870, 21.0870)
contains.

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Color

**YIQ(95.4160, 58.0870,
21.0870)**

Conversions

Conversions Part 1

Format	Color
Hex	A44243
RGB	164, 66, 67
RGB Percent	64%, 26%, 26%
CMY	0.3566, 0.7413, 0.7370
CMYK	0.00, 0.60, 0.59, 0.36
HSL	359°, 43%, 45%
HSV	359°, 60%, 64%
XYZ	18.2828, 12.1964, 6.7099
YIQ	95.4160, 58.0870, 21.0870

Conversions

Conversions Part 2

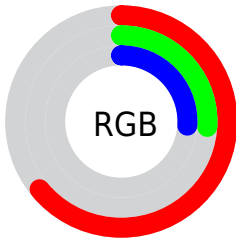
Format	Color
RYB	164, 66, 67
Decimal	10764867
CIELab	41.53, 40.67, 20.19
CIELCh	42, 45.402, 26.398
Yxy	12.1964, 0.4916, 0.3280
Android (android.graphics.Color)	4288954947 (0xFFA44243)
YUV	95.4160, -14.0091, 60.1482
Hunter-Lab	34.9234, 32.3311, 13.0548

Details

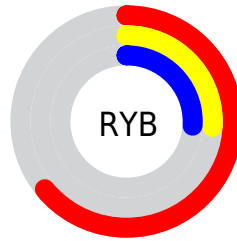
The YIQ color **95.4160, 58.0870, 21.0870** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **134.5840, -58.0870, -21.0870**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0530, 63.5430, 21.3270**, and **40.5990, 53.3180, 24.9180** is the 20% darker color. If you saturate the color by 10%, you get **84.2000, 67.6230, 24.4790**, and if you desaturate by 10%, it is **106.6320, 48.5510, 17.6950**.

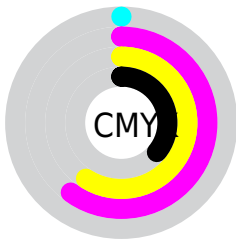
Distribution



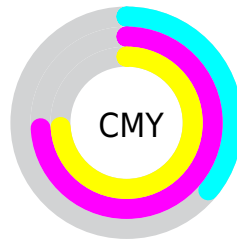
- Red (64%)
- Green (26%)
- Blue (26%)



- Red (64%)
- Yellow (26%)
- Blue (26%)



- Cyan (0%)
- Magenta (60%)
- Yellow (59%)
- Black (36%)



- Cyan (36%)
- Magenta (74%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.4160, 58.0870, 21.0870 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 95.4160, 58.0870, 21.0870 by changing the saturation by 10% instead.

■ 95.4160, 58.0870,
21.0870

■ 95.4160, 58.0870,
21.0870

■ 255.0000, -0.0000,
-0.0000

■ 68.9750, 55.0150,
21.6950

■ 149.0530, 63.5430,
21.3270

■ 40.5990, 53.3180,
24.9180

■ 176.5480, 66.5230,
22.3870

■ 23.6210, 47.0840,
16.7480

■ 196.2470, 51.0730,
16.0410

■ 15.9610, 31.2670,
11.5470

■ 215.7610, 34.7060,
9.7940

■ 3.2890, 6.5560,
2.3320

■ 235.3890, 18.0180,
3.8580

■ 0.0000, 0.0000,
0.0000

254.5440, 1.2840,

-1.2440

■ 95.4160, 58.0870,
21.0870

■ 95.4160, 58.0870,
21.0870

■ 84.2000, 67.6230,
24.4790

■ 106.6320, 48.5510,
17.6950

■ 72.3970, 77.4340,
28.3940

■ 118.5490, 38.4190,
14.0910

■ 61.0670, 87.2910,
31.4750

■ 129.7650, 28.8830,
10.6990

■ 49.2640, 97.1020,
35.3900

■ 141.5680, 19.0720,
6.7840

■ 152.7840, 9.5360,
3.3920

■ 164.0000, 0.0000,
-0.0000

■ 175.9170,
-10.1320, -3.6040

■ 187.1330,
-19.6680, -6.9960

■ 198.9360,
-29.4790, -10.9110

Harmonies

Analogous

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



97.2750, 45.8430, 33.7390



95.4160, 58.0870, 21.0870



95.5010, 55.5690, 0.6330

Triad

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



95.4160, 58.0870, 21.0870



81.1690, -29.6580, -35.2100



80.7700, -84.1330, -0.5890

Complementary

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



95.4160, 58.0870, 21.0870



134.5840, -58.0870, -21.0870

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.



83.9840, -82.1600, -8.8160



95.4160, 58.0870, 21.0870



77.9930, -61.1570, -31.5330

Square

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



95.4160, 58.0870, 21.0870



90.3730, 13.8060, -29.9540



82.3250, -73.3550, -19.7150



98.5500, -24.0750, 23.3250

Rectangle

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



95.4160, 58.0870, 21.0870



94.1650, 47.2270, -13.3890



82.3250, -73.3550, -19.7150



82.1890, -83.9950, -3.0910

Sweetspot

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



95.4160, 58.0870, 21.0870



187.3620, 22.6480, 8.0560



105.8760, 25.7580, 50.8300



90.8770, 13.7080, 4.8760



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



95.4160, 58.0870, 21.0870



106.2740, 91.1420, 33.2700



122.8910, 45.4830, -3.8050



75.8050, 5.0430, 2.2190



43.5830, 85.7780, 31.3620



5.3820, 10.7280, 3.8160

Inverse Universe

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



95.4160, 58.0870, 21.0870



106.2740, 91.1420, 33.2700



107.1090, -45.4830, 3.8050



75.8050, 5.0430, 2.2190



43.5830, 85.7780, 31.3620



5.3820, 10.7280, 3.8160

Previews

White Background



This preview shows how the YIQ color 95.4160, 58.0870, 21.0870 looks on a white background.

Color Contrast Check

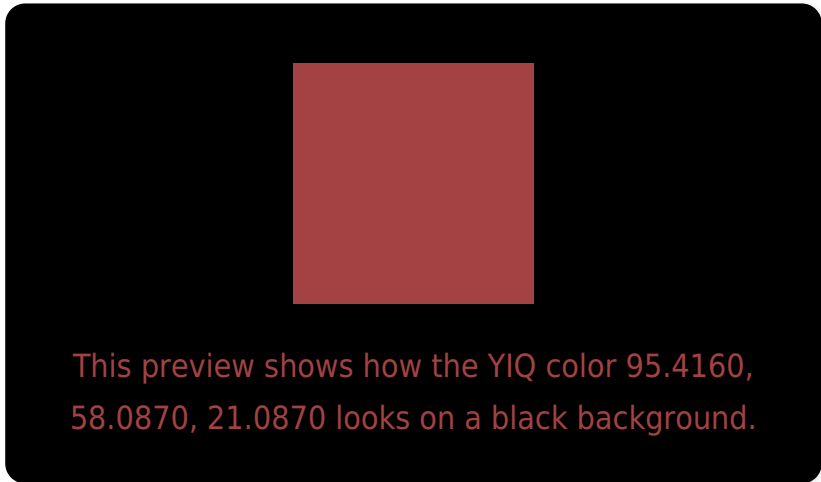
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.4160, 58.0870, 21.0870

Background



This preview shows how black text looks on a background with the YIQ color 95.4160, 58.0870, 21.0870.

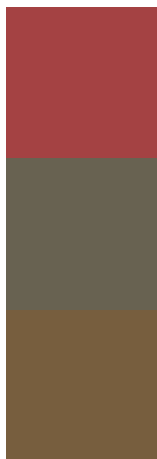


This preview shows how white text looks on a background with the YIQ color 95.4160, 58.0870,

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

95.4160, 58.0870, 21.0870

Protanopia

97.8560, 9.0330, -4.0150

Deuteranopia

97.8270, 25.1720, -4.6520



Tritanopia

95.7580, 57.1240, 22.0200

Trichromacy



Original Color

95.4160, 58.0870, 21.0870

Protanomaly

96.8200, 27.0500, 5.3700

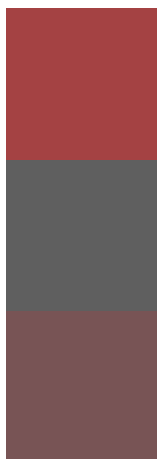
Deuteranomaly

96.9690, 36.8160, 4.5920

Tritanomaly

95.6440, 57.4450, 21.7090

Monochromacy



Original Color

95.4160, 58.0870, 21.0870

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.8780, 21.1350, 7.9430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.4160, 58.0870, 21.0870 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(164, 66, 67)` looks like.

```
.text, #text, p{  
    color:rgb(164, 66, 67)  
}
```

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(164, 66, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 66, 67) }
```

Border

The CSS property to change the border of an element to YIQ 95.4160, 58.0870, 21.0870 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(164, 66, 67) }
```


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

```
.border{ border-color:rgb(164, 66, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 66, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 66, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 66, 67);  
box-shadow:4px 4px 4px 4px rgb(164, 66,  
67) }
```

Background

The CSS property to change the background color of an element to YIQ 95.4160, 58.0870, 21.0870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 66, 67) }
```

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

```
.background{ background-color: rgb(164, 66,  
67) }
```

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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