

Converting Colors

YIQ(95.8290, 31.9990, 20.3110)

Have a look what the booklet for
YIQ(95.8290, 31.9990, 20.3110)
contains.

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Color

**YIQ(95.8290, 31.9990,
20.3110)**

Conversions

Conversions Part 1

Format	Color
Hex	8B4A5F
RGB	139, 74, 95
RGB Percent	55%, 29%, 37%
CMY	0.4547, 0.7099, 0.6273
CMYK	0.00, 0.47, 0.32, 0.45
HSL	341°, 31%, 42%
HSV	341°, 47%, 55%
XYZ	15.1684, 11.2133, 12.1981
YIQ	95.8290, 31.9990, 20.3110

Conversions

Conversions Part 2

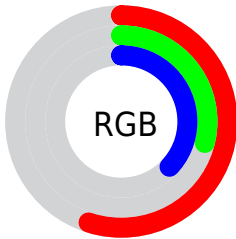
Format	Color
R_{YB}	139, 74, 95
Decimal	9128543
CIE Lab	39.94, 30.10, 0.03
CIE LCh	40, 30.099, 0.056
Yxy	11.2133, 0.3932, 0.2907
Android (android.graphics.Color)	4287318623 (0xFF8B4A5F)
YUV	95.8290, -0.4087, 37.8610
Hunter-Lab	33.4863, 22.2549, 1.8427

Details

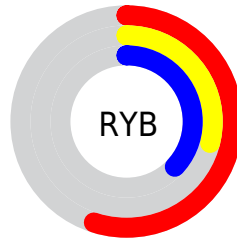
The YIQ color **95.8290, 31.9990, 20.3110** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **117.1710, -31.9990, -20.3110**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3240, 34.9790, 21.3710**, and **46.5620, 28.3770, 19.8730** is the 20% darker color. If you saturate the color by 10%, you get **86.5850, 38.7380, 24.8340**, and if you desaturate by 10%, it is **105.0730, 25.2600, 15.7880**.

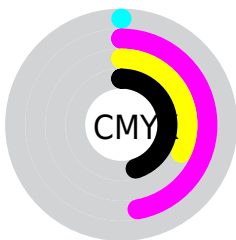
Distribution



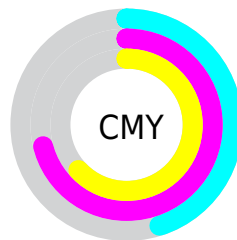
- Red (55%)
- Green (29%)
- Blue (37%)



- Red (55%)
- Yellow (29%)
- Blue (37%)



- Cyan (0%)
- Magenta (47%)
- Yellow (32%)
- Black (45%)





- Cyan (45%)
- Magenta (71%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 95.8290, 31.9990, 20.3110 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 95.8290, 31.9990, 20.3110 by changing the saturation by 10% instead.


 95.8290, 31.9990,
20.3110


 95.8290, 31.9990,
20.3110


255.0000, -0.0000,
-0.0000


 70.9320, 30.2110,
19.6750


 147.3240, 34.9790,
21.3710


 46.8610, 28.9730,
20.0850

 174.9220, 36.1710,
21.7950

 22.0180, 27.0930,
21.1170

 202.5200, 37.3630,
22.2190

 12.6720, 24.7110,
9.2150

 222.4580, 22.7380,
17.4420

 0.0000, 0.0000,
0.0000

 242.6730, 5.7750,
10.9830

■ 95.8290, 31.9990,
20.3110

■ 95.8290, 31.9990,
20.3110

■ 86.5850, 38.7380,
24.8340

■ 105.0730, 25.2600,
15.7880

■ 77.2270, 45.7980,
29.0460

■ 114.4310, 18.2000,
11.5760

■ 67.9830, 52.5370,
33.5690

■ 123.6750, 11.4610,
7.0530

■ 58.6250, 59.5970,
37.7810

■ 133.0330, 4.4010,
2.8410

■ 49.3810, 66.3360,
42.3040

■ 141.6900, -2.0630,
-1.1590


■ 46.6910, 68.3990,
43.4630

■ 150.9340, -8.8020,
-5.6820

■ 160.2920,
-15.8620, -9.8940

■ 169.5360,

-22.6010, -14.4170

 178.8940,
-29.6610, -18.6290

Harmonies

Analogous

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



97.3140, 14.5760, 22.1920



95.8290, 31.9990, 20.3110



94.5660, 39.7490, 12.0130

Triad

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



95.8290, 31.9990, 20.3110



89.5160, 6.5140, -18.9420



75.9650, -71.9810, -11.5730

Complementary

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



95.8290, 31.9990, 20.3110



117.1710, -31.9990, -20.3110

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.



75.6740, -67.0280, -18.7400



95.8290, 31.9990, 20.3110



85.3480, -19.4360, -22.2200

Square

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



95.8290, 31.9990, 20.3110



92.1980, 25.2650, -11.8470



73.4110, -59.2780, -27.0380



89.0880, -40.9900, 4.9780

Rectangle

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



95.8290, 31.9990, 20.3110



93.8120, 38.6960, 3.5600



73.4110, -59.2780, -27.0380



75.9820, -70.6510, -13.6510

Sweetspot

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



95.8290, 31.9990, 20.3110



164.3870, 12.3320, 7.7880



94.2670, 4.7630, 29.3310



81.3540, 7.9310, 4.9470



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.



95.8290, 31.9990, 20.3110



113.8470, 49.9240, 31.3640



99.8920, 35.7150, 8.0270



64.3210, 3.5300, 2.1060



44.6690, 65.4650, 41.5690



1.7230, 2.3380, 1.6820

Inverse Universe

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



95.8290, 31.9990, 20.3110



113.8470, 49.9240, 31.3640



113.1080, -35.7150, -8.0270



64.3210, 3.5300, 2.1060



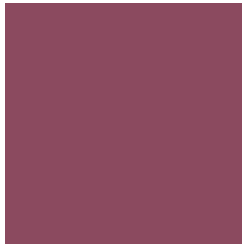
44.6690, 65.4650, 41.5690



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 95.8290, 31.9990, 20.3110 looks on a white background.

Color Contrast Check

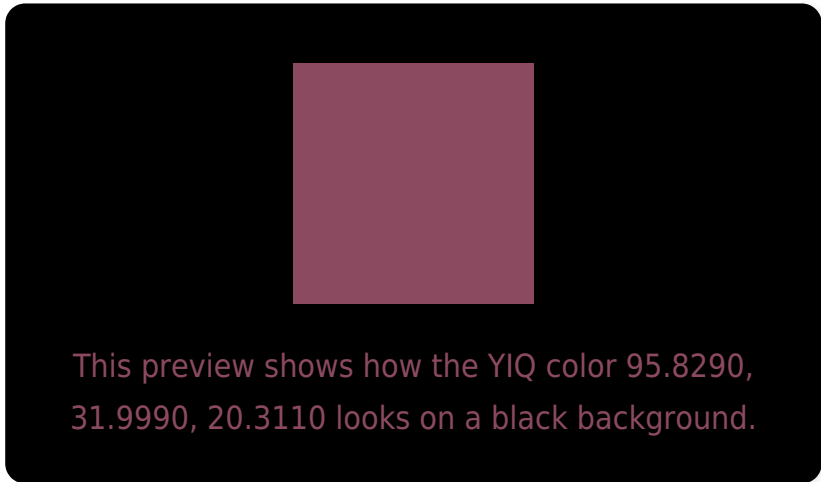
Large Text (above 18pt) WCAG AA ✓ Pass

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

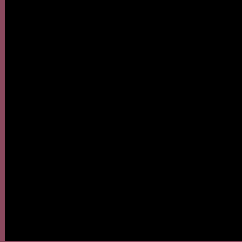
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.8290, 31.9990, 20.3110

Background



This preview shows how black text looks on a background with the YIQ color 95.8290, 31.9990, 20.3110.



This preview shows how white text looks on a background with the YIQ color 95.8290, 31.9990,

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

95.8290, 31.9990, 20.3110

Protanopia

95.1830, -4.7690, 3.8310

Deuteranopia

95.8870, 7.7480, 2.7560



Tritanopia

95.2220, 35.0260, 15.0100

Trichromacy



Original Color

95.8290, 31.9990, 20.3110

Protanomaly

95.7010, 8.5720, 9.8520

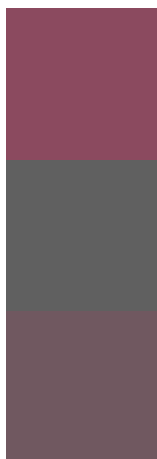
Deuteranomaly

95.4800, 16.5040, 9.2720

Tritanomaly

95.2050, 33.6960, 17.0880

Monochromacy



Original Color

95.8290, 31.9990, 20.3110

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

96.0880, 11.7360, 7.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.8290, 31.9990, 20.3110 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(139, 74, 95)` looks like.

```
.text, #text, p{  
    color:rgb(139, 74, 95)  
}
```

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(139, 74, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 74, 95) }
```

Border

The CSS property to change the border of an element to YIQ 95.8290, 31.9990, 20.3110 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(139, 74, 95) }
```


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

```
.border{ border-color:rgb(139, 74, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 74, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 74, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 74, 95);  
box-shadow:4px 4px 4px 4px rgb(139, 74,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 95.8290, 31.9990, 20.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 74, 95) }
```

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

```
.background{ background-color: rgb(139, 74,  
95) }
```

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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