

Converting Colors

YIQ(139.8290, 31.9990, 20.3110)

Have a look what the booklet for
YIQ(139.8290, 31.9990, 20.3110)
contains.

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Color

**YIQ(139.8290, 31.9990,
20.3110)**

Conversions

Conversions Part 1

Format	Color
Hex	B7768B
RGB	183, 118, 139
RGB Percent	72%, 46%, 55%
CMY	0.2822, 0.5373, 0.4548
CMYK	0.00, 0.36, 0.24, 0.28
HSL	341°, 31%, 59%
HSV	341°, 36%, 72%
XYZ	30.6761, 24.8879, 27.6239
YIQ	139.8290, 31.9990, 20.3110

Conversions

Conversions Part 2

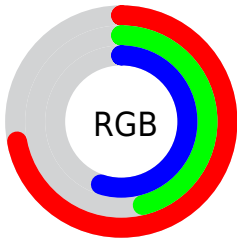
Format	Color
R _Y B	183, 118, 139
Decimal	12023435
CIE Lab	56.97, 28.46, -0.81
CIE LCh	57, 28.474, 358.375
Yxy	24.8879, 0.3688, 0.2992
Android (android.graphics.Color)	4290213515 (0xFFB7768B)
YUV	139.8290, -0.4087, 37.8610
Hunter-Lab	49.8878, 22.4565, 2.0912

Details

The YIQ color **139.8290, 31.9990, 20.3110** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **161.1710, -31.9990, -20.3110**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0250, 34.3830, 21.1590**, and **88.3340, 29.0190, 19.2510** is the 20% darker color. If you saturate the color by 10%, you get **127.8950, 40.8010, 25.9930**, and if you desaturate by 10%, it is **151.7630, 23.1970, 14.6290**.

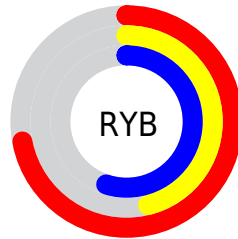
Distribution



Red (72%)

Green (46%)

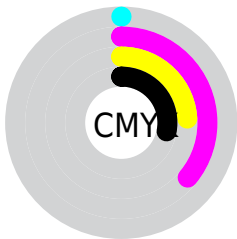
Blue (55%)



Red (72%)

Yellow (46%)

Blue (55%)

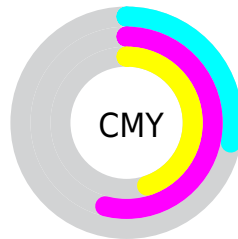


Cyan (0%)

Magenta (36%)

Yellow (24%)

Black (28%)



Cyan (28%)


Magenta (54%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 139.8290, 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 139.8290, 31.9990, 20.3110 by changing the saturation by 10% instead.


 139.8290, 31.9990,
20.3110


 139.8290, 31.9990,
20.3110


255.0000, -0.0000,
-0.0000

 113.9320, 30.2110,
19.6750


 194.0250, 34.3830,
21.1590


 88.6330, 29.6150,
19.4630


 217.5510, 26.9100,
18.9260

 64.4370, 27.2310,
18.6150

 237.8800, 9.6260,
12.7780

 40.3660, 25.9930,
19.0250

 18.1700, 23.6090,
18.1770

 8.7850, 16.9630,
6.4590

 0.0000, 0.0000,

0.0000

■ 139.8290, 31.9990,
20.3110

■ 139.8290, 31.9990,
20.3110

■ 127.8950, 40.8010,
25.9930

■ 151.7630, 23.1970,
14.6290

■ 115.2600, 50.1990,
31.8870

■ 164.3980, 13.7990,
8.7350

■ 103.3260, 59.0010,
37.5690

■ 176.3320, 4.9970,
3.0530

■ 91.3920, 67.8030,
43.2510

■ 188.3800, -4.1260,
-2.3180

■ 78.7570, 77.2010,
49.1450

■ 200.3140,
-12.9280, -8.0000

■ 66.8230, 86.0030,
54.8270

■ 212.8350,
-22.0050, -14.2050

■ 61.4430, 90.1290,
57.1450

■ 224.8830,
-31.1280, -19.5760

■ 231.5340,
-37.4550, -20.5510

■ 232.9020,
-41.3070, -16.8190

Harmonies

Analogous

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



140.1290, 13.6590, 22.2910



139.8290, 31.9990, 20.3110



138.7510, 40.6660, 11.9140

Triad

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



139.8290, 31.9990, 20.3110



132.4130, 8.3020, -18.3060



125.1300, -59.1440, -7.4320

Complementary

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



139.8290, 31.9990, 20.3110



161.1710, -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.



121.1260, -62.4890, -18.4010



139.8290, 31.9990, 20.3110



129.3160, -16.4100, -21.9940

Square

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



139.8290, 31.9990, 20.3110



135.5080, 27.3280, -10.6880



124.2560, -42.5440, -21.9360



132.9960, -37.7350, 6.5610

Rectangle

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



139.8290, 31.9990, 20.3110



137.8230, 40.1630, 4.5070



124.2560, -42.5440, -21.9360



123.0430, -63.4530, -11.9410

Sweetspot

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



139.8290, 31.9990, 20.3110



219.8000, 12.6070, 8.3110



138.2670, 4.7630, 29.3310



109.3540, 7.9310, 4.9470



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



139.8290, 31.9990, 20.3110



169.2600, 50.1990, 31.8870



143.8920, 35.7150, 8.0270



86.0330, 4.4010, 2.8410



52.3440, 76.9260, 48.6220



9.3980, 13.7990, 8.7350

Inverse Universe

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



139.8290, 31.9990, 20.3110



169.2600, 50.1990, 31.8870



157.1080, -35.7150, -8.0270



86.0330, 4.4010, 2.8410



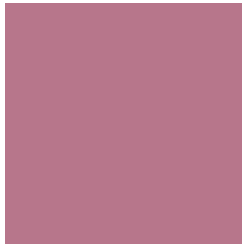
52.3440, 76.9260, 48.6220



9.3980, 13.7990, 8.7350

Previews

White Background



This preview shows how the YIQ color 139.8290, 31.9990, 20.3110 looks on a white background.

Color Contrast Check

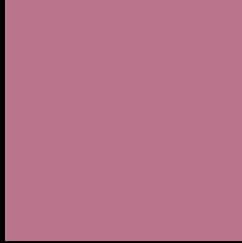
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YIQ color 139.8290, 31.9990, 20.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

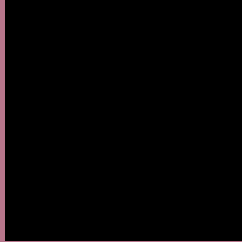
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.8290, 31.9990, 20.3110

Background



This preview shows how black text looks on a background with the YIQ color 139.8290, 31.9990, 20.3110.



This preview shows how white text looks on a background with the YIQ color 139.8290, 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

139.8290, 31.9990, 20.3110

Protanopia

137.5960, -4.4940, 4.3540

Deuteranopia

138.4250, 9.1690, 4.5370



Tritanopia

139.5640, 34.0630, 15.9430

Trichromacy



Original Color

139.8290, 31.9990, 20.3110

Protanomaly

138.1140, 8.8470, 10.3750

Deuteranomaly

139.1920, 17.3750, 10.0070

Tritanomaly

139.4330, 33.0540, 17.7100

Monochromacy



Original Color

139.8290, 31.9990, 20.3110

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.0880, 11.7360, 7.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.8290, 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(183, 118, 139)` looks like.

```
.text, #text, p{  
    color:rgb(183, 118, 139)  
}
```

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(183, 118, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 118, 139) }
```

Border

The CSS property to change the border of an element to YIQ 139.8290, 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(183, 118, 139) }
```


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

```
.border{ border-color:rgb(183, 118, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 118, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 118, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 118, 139);  
box-shadow:4px 4px 4px 4px rgb(183, 118,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 139.8290, 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(183, 118, 139) }
```

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

```
.background{ background-color: rgb(183,  
118, 139) }
```

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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