

Converting Colors

YIQ(111.0100, 20.4030, -0.8210)

Have a look what the booklet for
YIQ(111.0100, 20.4030, -0.8210)
contains.

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Color

**YIQ(111.0100, 20.4030,
-0.8210)**

Conversions

Conversions Part 1

Format	Color
Hex	826A57
RGB	130, 106, 87
RGB Percent	51%, 42%, 34%
CMY	0.4902, 0.5843, 0.6587
CMYK	0.00, 0.18, 0.33, 0.49
HSL	26°, 20%, 43%
HSV	26°, 33%, 51%
XYZ	16.0820, 15.7412, 11.2128
YIQ	111.0100, 20.4030, -0.8210

Conversions

Conversions Part 2

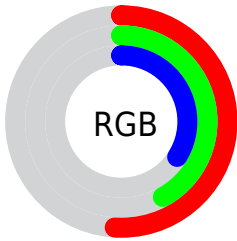
Format	Color
R_{YB}	130, 121, 87
Decimal	8546903
CIE _{Lab}	46.63, 6.58, 14.24
CIE _{LCh}	47, 15.689, 65.213
Yxy	15.7412, 0.3737, 0.3658
Android (android.graphics.Color)	4286736983 (0xFF826A57)
YUV	111.0100, -11.8369, 16.6542
Hunter-Lab	39.6752, 2.9216, 11.0164

Details

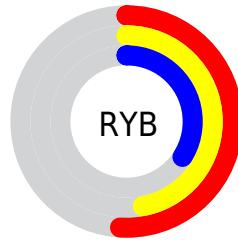
The YIQ color **111.0100, 20.4030, -0.8210** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **105.9900, -20.4030, 0.8210**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7930, 22.5120, -0.4960**, and **63.3410, 17.9730, -0.8350** is the 20% darker color. If you saturate the color by 10%, you get **105.4190, 26.5010, -1.2030**, and if you desaturate by 10%, it is **116.6010, 14.3050, -0.4390**.

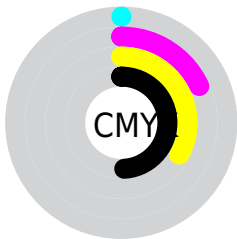
Distribution



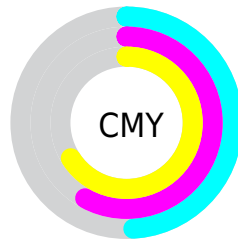
- Red (51%)
- Green (42%)
- Blue (34%)



- Red (51%)
- Yellow (47%)
- Blue (34%)



- Cyan (0%)
- Magenta (18%)
- Yellow (33%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.0100, 20.4030, -0.8210 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 111.0100, 20.4030, -0.8210 by changing the saturation by 10% instead.

■ 111.0100, 20.4030,
-0.8210

■ 111.0100, 20.4030,
-0.8210

■ 255.0000, -0.0000,
-0.0000

■ 86.5260, 18.8900,
-0.9340

■ 162.7930, 22.5120,
-0.4960

■ 63.3410, 17.9730,
-0.8350

■ 189.9780, 23.4290,
-0.5950

■ 40.8570, 16.4600,
-0.9480

■ 217.8640, 23.7500,
-0.9060

■ 20.4440, 16.1850,
-1.4710

■ 241.9770, 16.0020,
-3.6620

■ 0.0000, 0.0000,
0.0000

■ 254.0880, 2.5680,
-2.4880

■ 111.0100, 20.4030,
-0.8210

■ 111.0100, 20.4030,
-0.8210

■ 105.4190, 26.5010,
-1.2030

■ 116.6010, 14.3050,
-0.4390

■ 99.2410, 32.8740,
-1.0620

■ 122.7790, 7.9320,
-0.5800

■ 93.6500, 38.9720,
-1.4440

■ 128.3700, 1.8340,
-0.1980

■ 88.0590, 45.0700,
-1.8260

■ 133.9610, -4.2640,
0.1840

■ 82.4680, 51.1680,
-2.2080

■ 139.5520,
-10.3620, 0.5660

■ 76.2900, 57.5410,
-2.0670

■ 145.7300,
-16.7350, 0.4250

■ 72.3290, 61.8050,
-2.2510

■ 151.3210,
-22.8330, 0.8070

■ 156.9120,

-28.9310, 1.1890

■ 162.5030,
-35.0290, 1.5710

Harmonies

Analogous

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



111.7810, 22.7860, 5.5540



111.0100, 20.4030, -0.8210



109.4280, 13.1140, -6.3900

Triad

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



111.0100, 20.4030, -0.8210



105.0570, -22.5100, -10.5580



111.9540, -2.3860, 10.2060

Complementary

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



111.0100, 20.4030, -0.8210



105.9900, -20.4030, 0.8210

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.



109.9630, -15.7730, 5.0190



111.0100, 20.4030, -0.8210



105.0550, -28.1960, -6.6280

Square

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



111.0100, 20.4030, -0.8210



106.5760, -10.9100, -11.5340



107.2990, -25.7670, -1.0870



113.2390, 9.9930, 11.6330

Rectangle

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



111.0100, 20.4030, -0.8210



108.8400, 5.9620, -8.9340



107.2990, -25.7670, -1.0870



111.5620, -7.1540, 8.5100

Sweetspot

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



111.0100, 20.4030, -0.8210



160.7790, 7.9320, -0.5800



102.5930, 17.9240, 16.5800



79.9250, 4.5850, -0.4950



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



111.0100, 20.4030, -0.8210



138.6430, 31.6820, -1.4860



123.3370, 14.6280, -11.8040



60.8540, 3.3470, -0.0850



71.1440, 60.8880, -2.1520



0.0000, 0.0000, 0.0000

Inverse Universe

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



105.9900, -20.4030, 0.8210



130.9440, -31.9570, 0.9630



93.6630, -14.6280, 11.8040



60.1460, -3.3470, 0.0850



56.2690, -60.6130, 2.6750



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 111.0100, 20.4030, -0.8210 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



This preview shows how the YIQ color 111.0100, 20.4030, -0.8210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

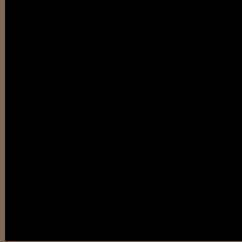
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.0100, 20.4030, -0.8210

Background



This preview shows how black text looks on a background with the YIQ color 111.0100, 20.4030, -0.8210.



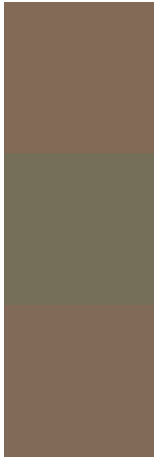
This preview shows how white text looks on a background with the YIQ color 111.0100, 20.4030, -0.8210.

-0.8210.

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

111.0100, 20.4030, -0.8210

Protanopia

109.6990, 10.9130, -5.0470

Deuteranopia

110.7110, 19.8070, -1.0330



Tritanopia

112.8820, 15.3120, 8.8480

Trichromacy



Original Color

111.0100, 20.4030, -0.8210

Protanomaly

110.4930, 14.4890, -3.7750

Deuteranomaly

110.7110, 19.8070, -1.0330

Tritanomaly

112.1440, 17.3300, 5.3140

Monochromacy



Original Color

111.0100, 20.4030, -0.8210

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.8930, 7.6110, -0.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.0100, 20.4030, -0.8210 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(130, 106, 87)` looks like.

```
.text, #text, p{  
    color:rgb(130, 106, 87)  
}
```

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(130, 106, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 106, 87) }
```

Border

The CSS property to change the border of an element to YIQ 111.0100, 20.4030, -0.8210 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(130, 106, 87) }
```


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

```
.border{ border-color:rgb(130, 106, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 106, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 106, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 106, 87);  
box-shadow:4px 4px 4px 4px rgb(130, 106,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 111.0100, 20.4030, -0.8210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 106, 87) }
```

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

```
.background{ background-color: rgb(130,  
106, 87) }
```

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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