

Converting Colors

YIQ(106.4290, 20.5410, -3.3230)

Have a look what the booklet for
YIQ(106.4290, 20.5410, -3.3230)
contains.

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Color

**YIQ(106.4290, 20.5410,
-3.3230)**

Conversions

Conversions Part 1

Format	Color
Hex	7C674E
RGB	124, 103, 78
RGB Percent	49%, 40%, 31%
CMY	0.5137, 0.5961, 0.6940
CMYK	0.00, 0.17, 0.37, 0.51
HSL	33°, 23%, 40%
HSV	33°, 37%, 49%
XYZ	14.5389, 14.5349, 9.2518
YIQ	106.4290, 20.5410, -3.3230

Conversions

Conversions Part 2

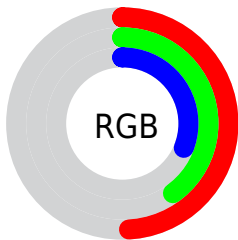
Format	Color
R_{YB}	117, 124, 78
Decimal	8152910
CIE _{Lab}	44.99, 4.51, 17.23
CIE _{LCh}	45, 17.811, 75.320
Yxy	14.5349, 0.3794, 0.3792
Android (android.graphics.Color)	4286342990 (0xFF7C674E)
YUV	106.4290, -14.0155, 15.4098
Hunter-Lab	38.1247, 1.3530, 12.2992

Details

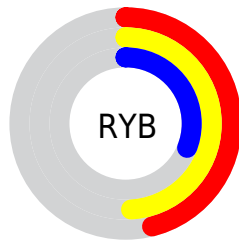
The YIQ color **106.4290, 20.5410, -3.3230** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **95.5710, -20.5410, 3.3230**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7990, 22.3750, -3.5210**, and **58.7600, 18.1110, -3.3370** is the 20% darker color. If you saturate the color by 10%, you get **101.5390, 26.0430, -3.9170**, and if you desaturate by 10%, it is **111.3190, 15.0390, -2.7290**.

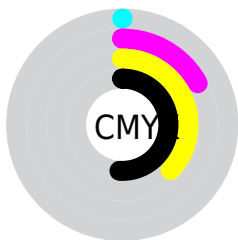
Distribution



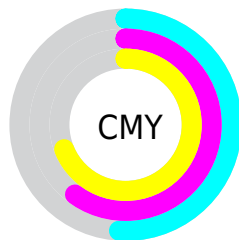
- Red (49%)
- Green (40%)
- Blue (31%)



- Red (46%)
- Yellow (49%)
- Blue (31%)



- Cyan (0%)
- Magenta (17%)
- Yellow (37%)
- Black (51%)





- Cyan (51%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 106.4290, 20.5410, -3.3230 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 106.4290, 20.5410, -3.3230 by changing the saturation by 10% instead.


 106.4290, 20.5410,
-3.3230


 106.4290, 20.5410,
-3.3230


255.0000, -0.0000,
-0.0000


 82.2440, 19.6240,
-3.2240


 157.7990, 22.3750,
-3.5210


 58.7600, 18.1110,
-3.3370

 184.9840, 23.2920,
-3.6200

 37.1620, 16.9190,
-3.7610

 212.5820, 24.4840,
-3.1960

 16.8890, 13.4340,
-1.1740

 239.0760, 20.0370,
-5.2030

 0.0000, 0.0000,
0.0000

 252.8340, 6.0990,
-5.9090

■ 106.4290, 20.5410,
-3.3230

■ 106.4290, 20.5410,
-3.3230

■ 101.5390, 26.0430,
-3.9170

■ 111.3190, 15.0390,
-2.7290

■ 97.1220, 31.5910,
-5.3450

■ 115.7360, 9.4910,
-1.3010

■ 92.2320, 37.0930,
-5.9390

■ 120.6260, 3.9890,
-0.7070

■ 87.2280, 42.9160,
-6.8440

■ 125.6300, -1.8340,
0.1980

■ 82.9250, 48.1430,
-7.9610

■ 129.9330, -7.0610,
1.3150

■ 78.0350, 53.6450,
-8.5550

■ 134.8230,
-12.5630, 1.9090

■ 76.4050, 55.4790,
-8.7530

■ 139.8270,
-18.3860, 2.8140

■ 144.1300,

-23.6130, 3.9310

■ 149.1340,
-29.4360, 4.8360

Harmonies

Analogous

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



107.3960, 25.3080, 3.9000



106.4290, 20.5410, -3.3230



105.1780, 10.8220, -8.9060

Triad

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



106.4290, 20.5410, -3.3230



99.9360, -29.4790, -10.9110



108.4600, 2.0610, 12.2130

Complementary

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



106.4290, 20.5410, -3.3230



95.5710, -20.5410, 3.3230

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.



106.6260, -13.2060, 8.0580



106.4290, 20.5410, -3.3230



100.2440, -33.1020, -5.8220

Square

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



106.4290, 20.5410, -3.3230



100.8140, -17.5120, -13.0320



103.5810, -26.5010, 1.2030



108.5170, 15.0820, 13.0180

Rectangle

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



106.4290, 20.5410, -3.3230



103.8070, 1.5610, -11.7750



103.5810, -26.5010, 1.2030



108.2960, -3.3490, 11.1390

Sweetspot

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



106.4290, 20.5410, -3.3230



154.2520, 7.9780, -1.4140



94.1480, 20.6750, 16.2830



77.8110, 4.9060, -0.8060



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



106.4290, 20.5410, -3.3230



133.5350, 31.8660, -4.8220



118.1580, 13.5740, -14.7300



58.5550, 2.7510, -0.2970



77.2910, 55.8000, -9.0640



155.7670, 112.5170, -18.2270

Inverse Universe

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



95.5710, -20.5410, 3.3230



116.8780, -31.5910, 5.3450



83.8420, -13.5740, 14.7300



57.4450, -2.7510, 0.2970



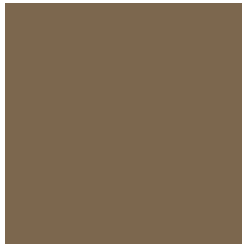
47.7090, -55.8000, 9.0640



96.2330, -112.5170, 18.2270

Previews

White Background



This preview shows how the YIQ color 106.4290, 20.5410, -3.3230 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 106.4290, 20.5410, -3.3230 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 106.4290, 20.5410, -3.3230

Background



This preview shows how black text looks on a background with the YIQ color 106.4290, 20.5410, -3.3230.



This preview shows how white text looks on a background with the YIQ color 106.4290, 20.5410,

-3.3230.

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

106.4290, 20.5410, -3.3230

Protanopia

105.4280, 13.1140, -6.3900

Deuteranopia

106.4400, 22.0080, -2.3760



Tritanopia

108.2840, 14.1200, 8.4240

Trichromacy



Original Color

106.4290, 20.5410, -3.3230

Protanomaly

105.9230, 16.0940, -5.3300

Deuteranomaly

106.1410, 21.4120, -2.5880

Tritanomaly

107.3180, 16.7800, 4.2680

Monochromacy



Original Color

106.4290, 20.5410, -3.3230

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

106.3660, 7.6570, -1.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.4290, 20.5410, -3.3230 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(124, 103, 78)` looks like.

```
.text, #text, p{  
    color:rgb(124, 103, 78)  
}
```

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(124, 103, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 103, 78) }
```

Border

The CSS property to change the border of an element to YIQ 106.4290, 20.5410, -3.3230 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(124, 103, 78) }
```


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

```
.border{ border-color:rgb(124, 103, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 103, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 103, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 103, 78);  
box-shadow:4px 4px 4px 4px rgb(124, 103,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 106.4290, 20.5410, -3.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 103, 78) }
```

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

```
.background{ background-color: rgb(124,  
103, 78) }
```

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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