

Converting Colors

YIQ(106.7400, 20.8630, -9.1610)

Have a look what the booklet for
YIQ(106.7400, 20.8630, -9.1610)
contains.

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Color

**YIQ(106.7400, 20.8630,
-9.1610)**

Conversions

Conversions Part 1

Format	Color
Hex	796B44
RGB	121, 107, 68
RGB Percent	47%, 42%, 27%
CMY	0.5255, 0.5804, 0.7332
CMYK	0.00, 0.12, 0.44, 0.53
HSL	44°, 28%, 37%
HSV	44°, 44%, 47%
XYZ	14.1868, 14.9970, 7.6204
YIQ	106.7400, 20.8630, -9.1610

Conversions

Conversions Part 2

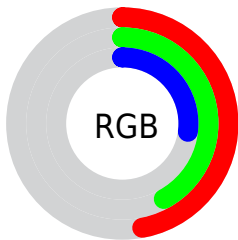
Format	Color
RYB	87, 121, 68
Decimal	7957316
CIELab	45.63, -0.42, 23.84
CIElCh	46, 23.842, 91.007
Yxy	14.9970, 0.3855, 0.4075
Android (android.graphics.Color)	4286147396 (0xFF796B44)
YUV	106.7400, -19.0988, 12.5060
Hunter-Lab	38.7259, -2.3788, 15.4411

Details

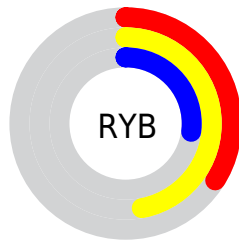
The YIQ color **106.7400, 20.8630, -9.1610** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **82.2600, -20.8630, 9.1610**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.1100, 22.6970, -9.3590**, and **59.0710, 18.4330, -9.1750** is the 20% darker color. If you saturate the color by 10%, you get **103.6110, 25.5400, -11.3240**, and if you desaturate by 10%, it is **109.8690, 16.1860, -6.9980**.

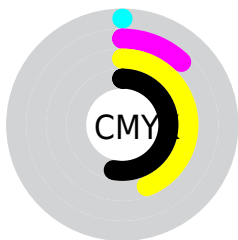
Distribution



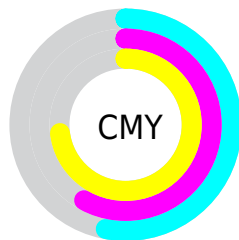
- Red (47%)
- Green (42%)
- Blue (27%)



- Red (34%)
- Yellow (47%)
- Blue (27%)



- Cyan (0%)
- Magenta (12%)
- Yellow (44%)
- Black (53%)



- Cyan (53%)
- Magenta (58%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.7400, 20.8630, -9.1610 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 106.7400, 20.8630, -9.1610 by changing the saturation by 10% instead.

■ 106.7400, 20.8630,
-9.1610

■ 106.7400, 20.8630,
-9.1610

■ 255.0000, -0.0000,
-0.0000

■ 82.5550, 19.9460,
-9.0620

■ 158.1100, 22.6970,
-9.3590

■ 59.1850, 18.1120,
-8.8640

■ 185.2950, 23.6140,
-9.4580

■ 36.6580, 18.1580,
-9.6980

■ 213.3660, 24.8520,
-9.8680

■ 17.7420, 9.3540,
-4.3260

■ 240.0560, 22.7890,
-11.0270

■ 0.0000, 0.0000,
0.0000

■ 251.5800, 9.6300,
-9.3300

254.7720, 0.6420,

-0.6220

■ 106.7400, 20.8630,
-9.1610

■ 106.7400, 20.8630,
-9.1610

■ 103.6110, 25.5400,
-11.3240

■ 109.8690, 16.1860,
-6.9980

■ 100.4820, 30.2170,
-13.4870

■ 112.9980, 11.5090,
-4.8350

■ 96.7660, 35.1690,
-15.1270

■ 116.7140, 6.5570,
-3.1950

■ 93.6370, 39.8460,
-17.2900

■ 119.8430, 1.8800,
-1.0320

■ 90.5080, 44.5230,
-19.4530

■ 123.0860, -3.1180,
1.4420

■ 88.4220, 47.6410,
-20.8950

■ 126.2150, -7.7950,
3.6050

■ 129.3440,
-12.4720, 5.7680

■ 133.0600,
-17.4240, 7.4080

■ 136.1890,
-22.1010, 9.5710

Harmonies

Analogous

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



108.0990, 30.3980, -0.2420



106.7400, 20.8630, -9.1610



104.5530, 5.0920, -15.1960

Triad

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



106.7400, 20.8630, -9.1610



95.2200, -50.8900, -13.8500



111.0100, 12.3760, 18.0080

Complementary

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



106.7400, 20.8630, -9.1610



82.2600, -20.8630, 9.1610

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.



109.8380, -7.7510, 13.8250



106.7400, 20.8630, -9.1610



99.2410, -46.2150, -4.9590

Square

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



106.7400, 20.8630, -9.1610



98.0120, -35.8050, -17.4130



105.9600, -28.8860, 5.8820



110.5570, 26.7730, 15.9010

Rectangle

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



106.7400, 20.8630, -9.1610



102.5560, -8.1580, -17.3580



105.9600, -28.8860, 5.8820



110.6610, 6.0490, 17.0330

Sweetspot

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



106.7400, 20.8630, -9.1610



152.7850, 7.7950, -3.6050



85.4430, 27.0940, 15.5900



75.7570, 4.9980, -2.4740



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



106.7400, 20.8630, -9.1610



135.5100, 33.0140, -14.6180



111.3700, 9.8610, -19.0270



59.7290, 2.2010, -1.3430



91.3790, 49.2000, -21.6160



184.5300, 99.0420, -43.8540

Inverse Universe

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



82.2600, -20.8630, 9.1610



96.4900, -33.0140, 14.6180



77.6300, -9.8610, 19.0270



56.8580, -2.4760, 0.8200



33.6210, -49.2000, 21.6160



68.0570, -99.3170, 43.3310

Previews

White Background



This preview shows how the YIQ color 106.7400, 20.8630, -9.1610 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 106.7400, 20.8630, -9.1610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

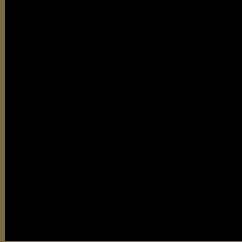
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.7400, 20.8630, -9.1610

Background



This preview shows how black text looks on a background with the YIQ color 106.7400, 20.8630, -9.1610.



This preview shows how white text looks on a background with the YIQ color 106.7400, 20.8630, -9.1610.

-9.1610.

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

106.7400, 20.8630, -9.1610

Protanopia

106.4300, 18.8000, -10.3200

Deuteranopia

107.1970, 27.0060, -4.8500



Tritanopia

109.7890, 11.1400, 7.3640

Trichromacy



Original Color

106.7400, 20.8630, -9.1610

Protanomaly

106.7290, 19.3960, -10.1080

Deuteranomaly

106.8870, 24.9430, -6.0090

Tritanomaly

108.9540, 14.8090, 1.4410

Monochromacy



Original Color

106.7400, 20.8630, -9.1610

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.8990, 7.4740, -3.2940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.7400, 20.8630, -9.1610 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(121, 107, 68)` looks like.

```
.text, #text, p{  
    color:rgb(121, 107, 68)  
}
```

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(121, 107, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 107, 68) }
```

Border

The CSS property to change the border of an element to YIQ 106.7400, 20.8630, -9.1610 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(121, 107, 68) }
```


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

```
.border{ border-color:rgb(121, 107, 68) }
```

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

Here you see how a box with a 4 pixel rgb(121, 107, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 107, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 107, 68);  
box-shadow:4px 4px 4px 4px rgb(121, 107,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 106.7400, 20.8630, -9.1610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 107, 68) }
```

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

```
.background{ background-color: rgb(121,  
107, 68) }
```

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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