

Converting Colors

YIQ(164.7300, 26.8230, -7.0410)

Have a look what the booklet for
YIQ(164.7300, 26.8230, -7.0410)
contains.

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Color

**YIQ(164.7300, 26.8230,
-7.0410)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA27B
RGB	186, 162, 123
RGB Percent	73%, 64%, 48%
CMY	0.2706, 0.3647, 0.5175
CMYK	0.00, 0.13, 0.34, 0.27
HSL	37°, 31%, 61%
HSV	37°, 34%, 73%
XYZ	36.7476, 37.7082, 24.0919
YIQ	164.7300, 26.8230, -7.0410

Conversions

Conversions Part 2

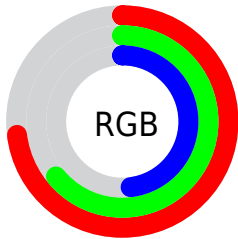
Format	Color
RYB	162, 186, 123
Decimal	12231291
CIELab	67.80, 3.02, 23.52
CIELCh	68, 23.718, 82.679
Yxy	37.7082, 0.3729, 0.3826
Android (android.graphics.Color)	4290421371 (0xFFBAA27B)
YUV	164.7300, -20.5729, 18.6538
Hunter-Lab	61.4070, -0.6429, 19.7235

Details

The YIQ color **164.7300, 26.8230, -7.0410** is a light color, and the websafe version is hex **999966**. A complement of this color would be **144.2700, -26.8230, 7.0410**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.1000, 28.6570, -7.2390**, and **113.0610, 24.3930, -7.0550** is the 20% darker color. If you saturate the color by 10%, you get **158.4550, 34.8470, -9.2890**, and if you desaturate by 10%, it is **171.0050, 18.7990, -4.7930**.

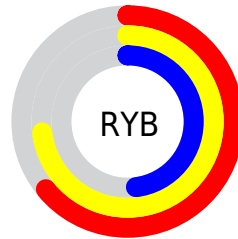
Distribution



Red (73%)

Green (64%)

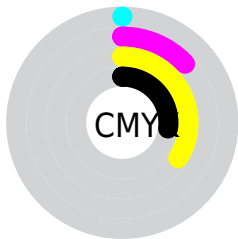
Blue (48%)



Red (64%)

Yellow (73%)

Blue (48%)

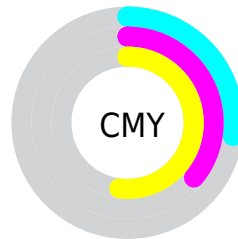


Cyan (0%)

Magenta (13%)

Yellow (34%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.7300, 26.8230, -7.0410 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 164.7300, 26.8230, -7.0410 by changing the saturation by 10% instead.

■ 164.7300, 26.8230,
-7.0410

■ 164.7300, 26.8230,
-7.0410

255.0000, -0.0000,
-0.0000

■ 138.5450, 25.9060,
-6.9420

■ 220.1000, 28.6570,
-7.2390

■ 113.0610, 24.3930,
-7.0550

■ 243.2020, 19.4420,
-10.9420

■ 87.9900, 23.1550,
-6.6450

■ 252.3780, 7.3830,
-7.1530

■ 64.5060, 21.6420,
-6.7580

■ 41.6800, 21.0920,
-7.8040

■ 22.4930, 14.4890,
-3.7750

■ 0.0000, 0.0000,

0.0000

■ 164.7300, 26.8230,
-7.0410

■ 164.7300, 26.8230,
-7.0410

■ 158.4550, 34.8470,
-9.2890

■ 171.0050, 18.7990,
-4.7930

■ 152.2940, 42.5500,
-11.2260

■ 177.1660, 11.0960,
-2.8560

■ 146.0190, 50.5740,
-13.4740

■ 183.4410, 3.0720,
-0.6080

■ 139.8580, 58.2770,
-15.4110

■ 189.6020, -4.6310,
1.3290

■ 133.5830, 66.3010,
-17.6590

■ 195.8770,
-12.6550, 3.5770

■ 126.7210, 74.6000,
-19.3840

■ 202.7390,
-20.9540, 5.3020

■ 123.1190, 79.2310,
-20.7130

■ 208.9000,
-28.6570, 7.2390

■ 213.2370,
-31.2240, 4.2000

■ 217.3460,
-33.1490, 0.5390

Harmonies

Analogous

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



166.4310, 35.3950, 2.8110



164.7300, 26.8230, -7.0410



162.4890, 11.1440, -14.7440

Triad

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



164.7300, 26.8230, -7.0410



155.6290, -44.7920, -14.2320



168.3840, 8.3870, 18.7150

Complementary

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



164.7300, 26.8230, -7.0410



144.2700, -26.8230, 7.0410

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.



166.7880, -13.4820, 13.0620



164.7300, 26.8230, -7.0410



157.3010, -46.4440, -6.3160

Square

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



164.7300, 26.8230, -7.0410



157.0080, -29.9820, -18.3180



162.2690, -34.2500, 3.9740



168.5400, 25.4430, 17.9790

Rectangle

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



164.7300, 26.8230, -7.0410



160.9650, -2.0600, -17.7400



162.2690, -34.2500, 3.9740



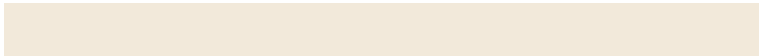
168.4370, 0.8680, 17.3160

Sweetspot

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



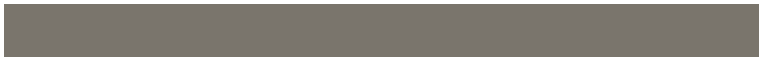
164.7300, 26.8230, -7.0410



233.9810, 10.1790, -2.7570



144.5730, 29.8440, 20.8200



117.4690, 5.8690, -1.7390



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



164.7300, 26.8230, -7.0410



208.4080, 42.2290, -10.9150



176.7250, 16.0510, -21.0770



88.6260, 3.9890, -0.7070



102.9960, 66.5760, -17.1360



18.3510, 12.0130, -2.9550

Inverse Universe

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



144.2700, -26.8230, 7.0410



176.5920, -42.2290, 10.9150



132.2750, -16.0510, 21.0770



85.7870, -3.7140, 1.2300



52.4170, -66.3010, 17.6590



9.6490, -12.0130, 2.9550

Previews

White Background



This preview shows how the YIQ color 164.7300, 26.8230, -7.0410 looks on a white background.

Color Contrast Check

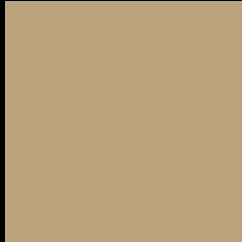
Large Text (above 18pt) WCAG AA × Fail

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 164.7300, 26.8230, -7.0410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

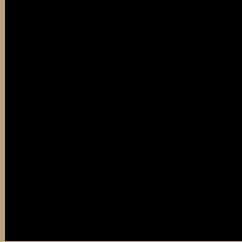
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.7300, 26.8230, -7.0410

Background



This preview shows how black text looks on a background with the YIQ color 164.7300, 26.8230, -7.0410.



This preview shows how white text looks on a background with the YIQ color 164.7300, 26.8230,

-7.0410.

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

164.7300, 26.8230, -7.0410

Protanopia

163.9140, 20.3130, -10.2070

Deuteranopia

165.1870, 32.9660, -2.7300



Tritanopia

167.8330, 17.0080, 11.1520

Trichromacy



Original Color

164.7300, 26.8230, -7.0410

Protanomaly

164.2240, 22.3760, -9.0480

Deuteranomaly

164.8770, 30.9030, -3.8890

Tritanomaly

166.5850, 20.4020, 4.7060

Monochromacy



Original Color

164.7300, 26.8230, -7.0410

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.0950, 9.8580, -2.4460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.7300, 26.8230, -7.0410 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(186, 162, 123)` looks like.

```
.text, #text, p{  
    color:rgb(186, 162, 123)  
}
```

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(186, 162, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 162, 123) }
```

Border

The CSS property to change the border of an element to YIQ 164.7300, 26.8230, -7.0410 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(186, 162, 123) }
```


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

```
.border{ border-color:rgb(186, 162, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 162, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 162, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 162, 123);  
box-shadow:4px 4px 4px 4px rgb(186, 162,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 164.7300, 26.8230, -7.0410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 162, 123) }
```

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

```
.background{ background-color: rgb(186,  
162, 123) }
```

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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