

Converting Colors

YIQ(188.8700, 32.7810, 6.1330)

Have a look what the booklet for
YIQ(188.8700, 32.7810, 6.1330)
contains.

YIQ(188.8700, 32.7810, 6.1330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(188.8700, 32.7810,
6.1330)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B0A3
RGB	224, 176, 163
RGB Percent	88%, 69%, 64%
CMY	0.1215, 0.3099, 0.3606
CMYK	0.00, 0.21, 0.27, 0.12
HSL	13°, 50%, 76%
HSV	13°, 27%, 88%
XYZ	52.8843, 49.5400, 41.4420
YIQ	188.8700, 32.7810, 6.1330

Conversions

Conversions Part 2

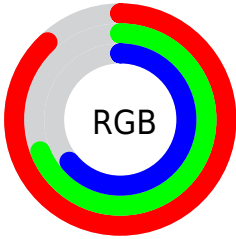
Format	Color
R _Y B	224, 180, 163
Decimal	14725283
CIE Lab	75.79, 15.61, 13.31
CIE LCh	76, 20.518, 40.447
Yxy	49.5400, 0.3676, 0.3443
Android (android.graphics.Color)	4292915363 (0xFFE0B0A3)
YUV	188.8700, -12.7539, 30.8090
Hunter-Lab	70.3846, 10.9448, 14.3597

Details

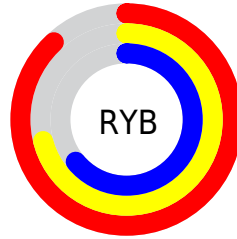
The YIQ color **188.8700, 32.7810, 6.1330** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **198.1300, -32.7810, -6.1330**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.2810, 18.2020, 0.5220**, and **135.0870, 30.6720, 5.8080** is the 20% darker color. If you saturate the color by 10%, you get **175.7960, 44.7930, 8.7050**, and if you desaturate by 10%, it is **201.9440, 20.7690, 3.5610**.

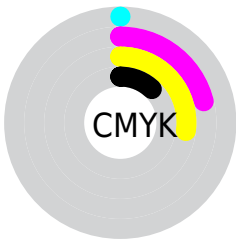
Distribution



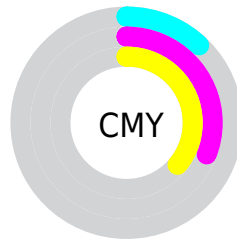
- Red (88%)
- Green (69%)
- Blue (64%)



- Red (88%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (27%)
- Black (12%)




- Cyan (12%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.8700, 32.7810, 6.1330 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 188.8700, 32.7810, 6.1330 by changing the saturation by 10% instead.

 188.8700, 32.7810,
6.1330

 188.8700, 32.7810,
6.1330


255.0000, -0.0000,
-0.0000


 161.6850, 31.8640,
6.2320


 237.2810, 18.2020,
0.5220


 135.0870, 30.6720,
5.8080

 253.9740, 2.8890,
-2.7990

 109.6030, 29.1590,
5.6950

 84.8200, 27.0500,
5.3700

 61.3360, 25.5370,
5.2570

 39.1400, 23.1530,
4.4090

 16.9550, 22.2360,

4.5080

■ 0.0000, 0.0000,
0.0000

■ 188.8700, 32.7810,
6.1330

■ 188.8700, 32.7810,
6.1330

■ 175.7960, 44.7930,
8.7050

■ 201.9440, 20.7690,
3.5610

■ 163.1950, 56.8510,
10.4430

■ 214.5450, 8.7110,
1.8230

■ 150.1210, 68.8630,
13.0150

■ 227.6190, -3.3010,
-0.7490

■ 136.9330, 81.1960,
15.2760

■ 240.8070,
-15.6340, -3.0100

■ 124.4460, 92.9330,
17.3250

■ 245.7310,
-18.4760, -6.5720

■ 111.3720,
104.9450, 19.8970

■ 98.1840, 117.2780,
22.1580

■ 95.1520, 120.3040,
22.3840

Harmonies

Analogous

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



189.7590, 29.0200, 13.7240



188.8700, 32.7810, 6.1330



187.2620, 28.3810, -2.2350

Triad

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



188.8700, 32.7810, 6.1330



180.9230, -19.4370, -16.6930



186.7440, -19.3500, 9.2740

Complementary

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



188.8700, 32.7810, 6.1330



198.1300, -32.7810, -6.1330

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.



182.8620, -34.6620, 0.4260



188.8700, 32.7810, 6.1330



179.4900, -34.1550, -14.2750

Square

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



188.8700, 32.7810, 6.1330



183.0300, -0.6850, -15.1250



179.7700, -40.5750, -8.0550



189.4860, -0.8280, 15.0120

Rectangle

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



188.8700, 32.7810, 6.1330



186.2670, 20.8170, -8.3270



179.7700, -40.5750, -8.0550



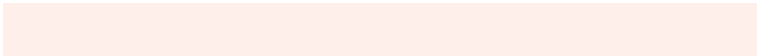
185.2270, -25.2640, 6.3200

Sweetspot

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



188.8700, 32.7810, 6.1330



243.3280, 10.8200, 2.1480



186.8250, 20.6270, 28.1710



120.0610, 7.1980, 1.7100



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



188.8700, 32.7810, 6.1330



206.6820, 45.1140, 8.3940



206.4800, 24.5310, -9.5570



105.4630, 6.0060, 1.2860



74.3430, 94.7210, 17.9610



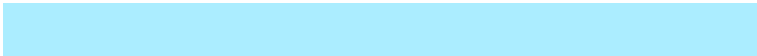
20.2220, 25.8580, 4.9460

Inverse Universe

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



198.1300, -32.7810, -6.1330



219.3180, -45.1140, -8.3940



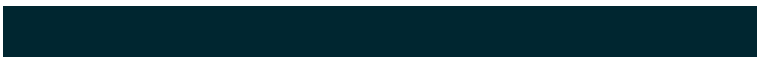
180.5200, -24.5310, 9.5570



107.5370, -6.0060, -1.2860



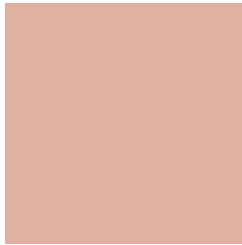
101.6570, -94.7210, -17.9610



27.7780, -25.8580, -4.9460

Previews

White Background



This preview shows how the YIQ color 188.8700, 32.7810, 6.1330 looks on a white background.

Color Contrast Check

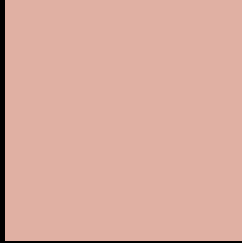
Large Text (above 18pt) WCAG AA × Fail

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 188.8700, 32.7810, 6.1330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

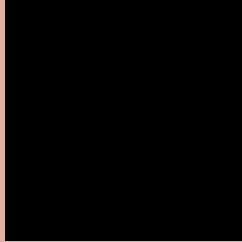
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.8700, 32.7810, 6.1330

Background



This preview shows how black text looks on a background with the YIQ color 188.8700, 32.7810, 6.1330.



This preview shows how white text looks on a background with the YIQ color 188.8700, 32.7810,

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

188.8700, 32.7810, 6.1330

Protanopia

186.6390, 11.1420, -3.6900

Deuteranopia

188.1140, 26.0420, 1.6100



Tritanopia

190.6280, 28.0110, 15.4910

Trichromacy



Original Color

188.8700, 32.7810, 6.1330

Protanomaly

187.3520, 19.4400, 0.1120

Deuteranomaly

188.7230, 28.7010, 2.9810

Tritanomaly

190.0040, 29.7080, 12.2680

Monochromacy



Original Color

188.8700, 32.7810, 6.1330

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.9260, 12.0120, 2.5720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.8700, 32.7810, 6.1330 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(224, 176, 163)` looks like.

```
.text, #text, p{  
    color:rgb(224, 176, 163)  
}
```

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(224, 176, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 176, 163) }
```

Border

The CSS property to change the border of an element to YIQ 188.8700, 32.7810, 6.1330 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(224, 176, 163) }
```


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

```
.border{ border-color:rgb(224, 176, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 176, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 176, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 176, 163);  
box-shadow:4px 4px 4px 4px rgb(224, 176,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 188.8700, 32.7810, 6.1330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 176, 163) }
```

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

```
.background{ background-color: rgb(224,  
176, 163) }
```

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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