

Converting Colors

YIQ(137.7210, 32.1830, 16.9750)

Have a look what the booklet for
YIQ(137.7210, 32.1830, 16.9750)
contains.

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Color

**YIQ(137.7210, 32.1830,
16.9750)**

Conversions

Conversions Part 1

Format	Color
Hex	B37683
RGB	179, 118, 131
RGB Percent	70%, 46%, 51%
CMY	0.2979, 0.5373, 0.4862
CMYK	0.00, 0.34, 0.27, 0.30
HSL	347°, 29%, 58%
HSV	347°, 34%, 70%
XYZ	29.1736, 24.1787, 24.6127
YIQ	137.7210, 32.1830, 16.9750

Conversions

Conversions Part 2

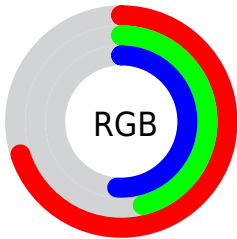
Format	Color
R_{YB}	179, 118, 131
Decimal	11761283
CIE _{Lab}	56.27, 25.78, 2.76
CIE _{LCh}	56, 25.933, 6.120
Yxy	24.1787, 0.3742, 0.3101
Android (android.graphics.Color)	4289951363 (0xFFB37683)
YUV	137.7210, -3.3135, 36.2017
Hunter-Lab	49.1718, 19.8532, 4.7430

Details

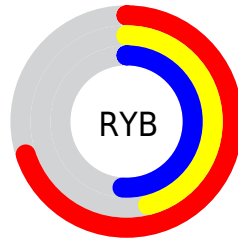
The YIQ color **137.7210, 32.1830, 16.9750** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **159.2790, -32.1830, -16.9750**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.9170, 34.5670, 17.8230**, and **87.2260, 29.2030, 15.9150** is the 20% darker color. If you saturate the color by 10%, you get **125.5590, 41.6270, 22.0350**, and if you desaturate by 10%, it is **149.8830, 22.7390, 11.9150**.

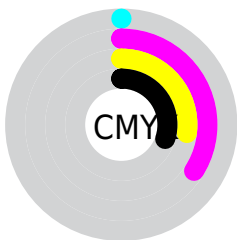
Distribution



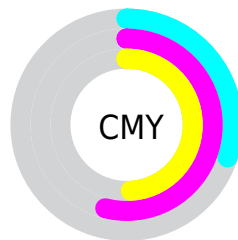
- Red (70%)
- Green (46%)
- Blue (51%)



- Red (70%)
- Yellow (46%)
- Blue (51%)



- Cyan (0%)
- Magenta (34%)
- Yellow (27%)
- Black (30%)





- Cyan (30%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 137.7210, 32.1830, 16.9750 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 137.7210, 32.1830, 16.9750 by changing the saturation by 10% instead.


 137.7210, 32.1830,
16.9750


 137.7210, 32.1830,
16.9750


255.0000, -0.0000,
-0.0000


 112.1230, 30.9910,
16.5510


 191.9170, 34.5670,
17.8230


 87.2260, 29.2030,
15.9150


 216.6390, 29.4780,
16.4380

 62.7420, 27.6900,
15.8020

 236.2670, 12.7900,
10.5020

 38.9590, 25.5810,
15.4770

 16.4750, 24.0680,
15.3640

 6.2790, 12.5160,
4.4520

 0.0000, 0.0000,

0.0000

■ 137.7210, 32.1830,
16.9750

■ 137.7210, 32.1830,
16.9750

■ 125.5590, 41.6270,
22.0350

■ 149.8830, 22.7390,
11.9150

■ 113.3970, 51.0710,
27.0950

■ 162.0450, 13.2950,
6.8550

■ 101.2350, 60.5150,
32.1550

■ 174.2070, 3.8510,
1.7950

■ 89.0730, 69.9590,
37.2150

■ 186.3690, -5.5930,
-3.2650

■ 76.9110, 79.4030,
42.2750

■ 197.9440,
-14.7620, -7.8020

■ 65.3360, 88.5720,
46.8120

■ 210.1060,
-24.2060, -12.8620

■ 57.8530, 94.4860,
49.7660

■ 222.3820,
-33.9710, -17.6110

■ 231.0220,
-41.7650, -19.5330

■ 232.2760,
-45.2960, -16.1120

Harmonies

Analogous

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



138.8150, 17.4190, 20.2270



137.7210, 32.1830, 16.9750



136.6750, 37.8240, 8.3520

Triad

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



137.7210, 32.1830, 16.9750



130.4170, 2.4790, -17.4010



127.0390, -48.4620, -2.7820

Complementary

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



137.7210, 32.1830, 16.9750



159.2790, -32.1830, -16.9750

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.



122.2950, -55.4750, -13.3550



137.7210, 32.1830, 16.9750



127.3310, -20.7660, -20.1420

Square

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



137.7210, 32.1830, 16.9750



133.1590, 21.0010, -11.6630



123.3640, -42.7280, -18.6000



133.1390, -27.8320, 8.8080

Rectangle

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



137.7210, 32.1830, 16.9750



135.6760, 36.0830, 1.3550



123.3640, -42.7280, -18.6000



125.3650, -52.4960, -6.7680

Sweetspot

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



137.7210, 32.1830, 16.9750



216.4470, 12.1030, 6.4310



139.3060, 9.0270, 29.1470



107.5280, 7.3810, 3.9010



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



137.7210, 32.1830, 16.9750



167.6850, 50.2000, 26.3600



146.2180, 31.6810, 4.0410



82.9190, 4.7220, 2.5300



49.5090, 80.5950, 42.6990



8.3440, 13.8910, 7.0670

Inverse Universe

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



137.7210, 32.1830, 16.9750



167.6850, 50.2000, 26.3600



150.7820, -31.6810, -4.0410



82.9190, 4.7220, 2.5300



49.5090, 80.5950, 42.6990



8.3440, 13.8910, 7.0670

Previews

White Background



This preview shows how the YIQ color 137.7210, 32.1830, 16.9750 looks on a white background.

Color Contrast Check

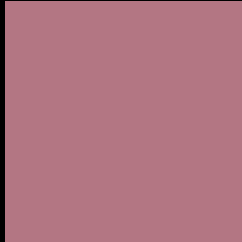
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 137.7210, 32.1830, 16.9750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

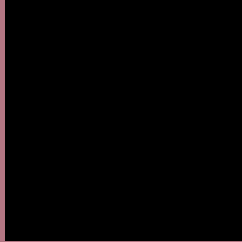
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.7210, 32.1830, 16.9750

Background



This preview shows how black text looks on a background with the YIQ color 137.7210, 32.1830, 16.9750.



This preview shows how white text looks on a background with the YIQ color 137.7210, 32.1830,

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

137.7210, 32.1830, 16.9750

Protanopia

135.9830, -1.3300, 2.0780

Deuteranopia

136.7520, 12.5620, 3.6180



Tritanopia

137.9660, 32.8710, 15.5190

Trichromacy



Original Color

137.7210, 32.1830, 16.9750

Protanomaly

136.7890, 11.1400, 7.3640

Deuteranomaly

136.9210, 19.5760, 8.6640

Tritanomaly

138.0800, 32.5500, 15.8300

Monochromacy



Original Color

137.7210, 32.1830, 16.9750

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0340, 11.8280, 5.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.7210, 32.1830, 16.9750 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(179, 118, 131)` looks like.

```
.text, #text, p{  
    color:rgb(179, 118, 131)  
}
```

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(179, 118, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 118, 131) }
```

Border

The CSS property to change the border of an element to YIQ 137.7210, 32.1830, 16.9750 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(179, 118, 131) }
```


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

```
.border{ border-color:rgb(179, 118, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 118, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 118, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 118, 131);  
box-shadow:4px 4px 4px 4px rgb(179, 118,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 137.7210, 32.1830, 16.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 118, 131) }
```

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

```
.background{ background-color: rgb(179,  
118, 131) }
```

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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