

Converting Colors

YIQ(133.5260, 37.2260, 19.1940)

Have a look what the booklet for
YIQ(133.5260, 37.2260, 19.1940)
contains.

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Color

**YIQ(133.5260, 37.2260,
19.1940)**

Conversions

Conversions Part 1

Format	Color
Hex	B56F7D
RGB	181, 111, 125
RGB Percent	71%, 44%, 49%
CMY	0.2900, 0.5648, 0.5097
CMYK	0.00, 0.39, 0.31, 0.29
HSL	348°, 32%, 57%
HSV	348°, 39%, 71%
XYZ	28.4517, 22.6732, 22.2905
YIQ	133.5260, 37.2260, 19.1940

Conversions

Conversions Part 2

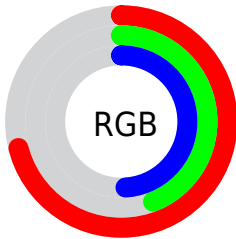
Format	Color
R_{YB}	181, 111, 125
Decimal	11890557
CIE _{Lab}	54.73, 29.58, 4.08
CIE _{LCh}	55, 29.864, 7.856
Yxy	22.6732, 0.3875, 0.3088
Android (android.graphics.Color)	4290080637 (0xFFB56F7D)
YUV	133.5260, -4.2033, 41.6347
Hunter-Lab	47.6164, 23.3284, 5.5762

Details

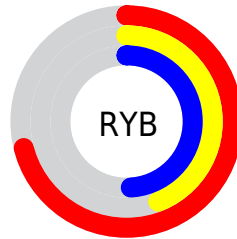
The YIQ color **133.5260, 37.2260, 19.1940** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **158.4740, -37.2260, -19.1940**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.7220, 39.6100, 20.0420**, and **82.7320, 33.6500, 17.9220** is the 20% darker color. If you saturate the color by 10%, you get **121.3640, 46.6700, 24.2540**, and if you desaturate by 10%, it is **145.8020, 27.4610, 14.4450**.

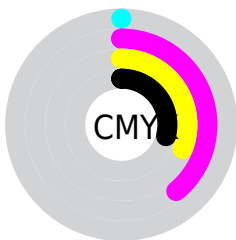
Distribution



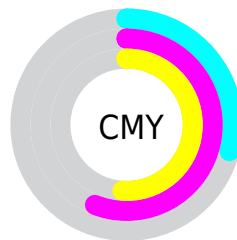
- Red (71%)
- Green (44%)
- Blue (49%)



- Red (71%)
- Yellow (44%)
- Blue (49%)



- Cyan (0%)
- Magenta (39%)
- Yellow (31%)
- Black (29%)





- Cyan (29%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.5260, 37.2260, 19.1940 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 133.5260, 37.2260, 19.1940 by changing the saturation by 10% instead.


 133.5260, 37.2260,
19.1940


 133.5260, 37.2260,
19.1940


255.0000, -0.0000,
-0.0000


 107.6290, 35.4380,
18.5580


 187.7220, 39.6100,
20.0420


 82.7320, 33.6500,
17.9220


 211.7320, 33.6500,
17.9220


 58.3620, 31.8160,
18.1200

 231.3600, 16.9620,
11.9860

 33.5190, 29.9360,
19.1520

 250.8910, 1.9250,
3.6610

 15.9760, 26.9110,
13.3990

 5.0830, 10.1320,
3.6040

 0.0000, 0.0000,

0.0000

■ 133.5260, 37.2260,
19.1940

■ 133.5260, 37.2260,
19.1940

■ 121.3640, 46.6700,
24.2540

■ 145.8020, 27.4610,
14.4450

■ 109.0880, 56.4350,
29.0030

■ 157.9640, 18.0170,
9.3850

■ 96.9260, 65.8790,
34.0630

■ 170.1260, 8.5730,
4.3250

■ 84.6500, 75.6440,
38.8120

■ 182.4020, -1.1920,
-0.4240

■ 71.9010, 85.3630,
44.3950

■ 194.5640,
-10.6360, -5.4840

■ 59.6250, 95.1280,
49.1440

■ 207.4270,
-20.6760, -10.7560

■ 58.2230, 96.3200,
49.5680

■ 219.5890,
-30.1200, -15.8160

■ 231.2780,
-39.6100, -20.0420

■ 232.8740,
-44.1040, -15.6880

Harmonies

Analogous

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



134.6630, 20.9030, 23.1670



133.5260, 37.2260, 19.1940



132.5400, 42.6380, 9.2140

Triad

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



133.5260, 37.2260, 19.1940



125.8250, 1.1500, -20.8500



120.4230, -58.4110, -4.1950

Complementary

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



133.5260, 37.2260, 19.1940



158.4740, -37.2260, -19.1940

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.



111.9660, -73.7220, -18.5700



133.5260, 37.2260, 19.1940



121.1130, -26.0840, -22.8840

Square

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



133.5260, 37.2260, 19.1940



128.9480, 22.9730, -14.3630



115.0850, -55.2440, -23.0520



129.0400, -31.8670, 10.3490

Rectangle

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



133.5260, 37.2260, 19.1940



131.3020, 40.0720, 0.6480



115.0850, -55.2440, -23.0520



116.9550, -66.0210, -9.4530

Sweetspot

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



133.5260, 37.2260, 19.1940



215.3550, 15.3580, 8.0140



135.4250, 10.3100, 33.4300



106.1260, 8.5730, 4.3250



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.



133.5260, 37.2260, 19.1940



161.6860, 57.6270, 29.4270



143.6700, 36.2200, 4.3800



82.9190, 4.7220, 2.5300



49.2810, 81.2370, 42.0770



8.3440, 13.8910, 7.0670

Inverse Universe

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



133.5260, 37.2260, 19.1940



161.6860, 57.6270, 29.4270



148.3300, -36.2200, -4.3800



82.9190, 4.7220, 2.5300



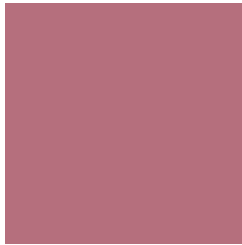
49.2810, 81.2370, 42.0770



8.3440, 13.8910, 7.0670

Previews

White Background



This preview shows how the YIQ color 133.5260, 37.2260, 19.1940 looks on a white background.

Color Contrast Check

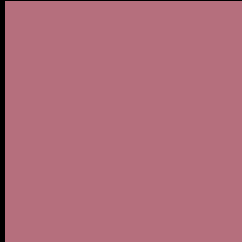
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.5260, 37.2260, 19.1940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

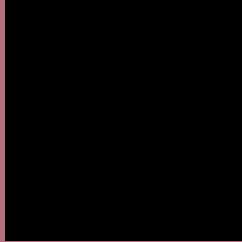
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.5260, 37.2260, 19.1940

Background



This preview shows how black text looks on a background with the YIQ color 133.5260, 37.2260, 19.1940.



This preview shows how white text looks on a background with the YIQ color 133.5260, 37.2260,

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

133.5260, 37.2260, 19.1940

Protanopia

131.8690, -1.0090, 1.7670

Deuteranopia

132.4100, 13.5250, 2.6850



Tritanopia

133.5430, 38.5560, 17.1160

Trichromacy



Original Color

133.5260, 37.2260, 19.1940

Protanomaly

132.6860, 12.9280, 8.0000

Deuteranomaly

132.5900, 22.0060, 8.6780

Tritanomaly

133.7710, 37.9140, 17.7380

Monochromacy



Original Color

133.5260, 37.2260, 19.1940

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.0450, 13.2950, 6.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.5260, 37.2260, 19.1940 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(181, 111, 125)` looks like.

```
.text, #text, p{  
    color:rgb(181, 111, 125)  
}
```

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(181, 111, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 111, 125) }
```

Border

The CSS property to change the border of an element to YIQ 133.5260, 37.2260, 19.1940 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(181, 111, 125) }
```


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

```
.border{ border-color:rgb(181, 111, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 111, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 111, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 111, 125);  
box-shadow:4px 4px 4px 4px rgb(181, 111,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 133.5260, 37.2260, 19.1940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 111, 125) }
```

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

```
.background{ background-color: rgb(181,  
111, 125) }
```

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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