

Converting Colors

YIQ(132.6420, 33.4230, 5.5110)

Have a look what the booklet for
YIQ(132.6420, 33.4230, 5.5110)
contains.

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Color

**YIQ(132.6420, 33.4230,
5.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	A87869
RGB	168, 120, 105
RGB Percent	66%, 47%, 41%
CMY	0.3411, 0.5295, 0.5881
CMYK	0.00, 0.29, 0.37, 0.34
HSL	14°, 27%, 54%
HSV	14°, 37%, 66%
XYZ	25.4199, 22.7765, 16.4311
YIQ	132.6420, 33.4230, 5.5110

Conversions

Conversions Part 2

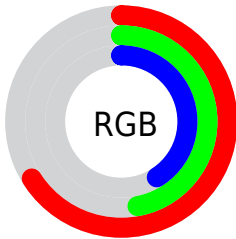
Format	Color
R_{YB}	168, 125, 105
Decimal	11040873
CIE _{Lab}	54.84, 16.79, 15.66
CIE _{LCh}	55, 22.962, 43.004
Yxy	22.7765, 0.3933, 0.3524
Android (android.graphics.Color)	4289230953 (0xFFA87869)
YUV	132.6420, -13.6275, 31.0090
Hunter-Lab	47.7248, 11.5570, 12.9945

Details

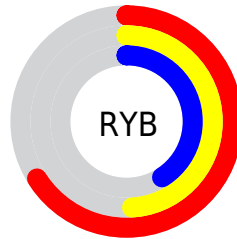
The YIQ color **132.6420, 33.4230, 5.5110** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **140.3580, -33.4230, -5.5110**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0230, 36.7240, 6.2600**, and **82.3750, 29.8010, 5.0730** is the 20% darker color. If you saturate the color by 10%, you get **123.0730, 42.4550, 7.0230**, and if you desaturate by 10%, it is **142.2110, 24.3910, 3.9990**.

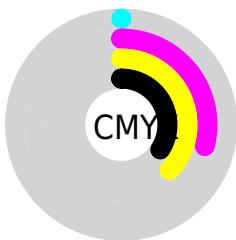
Distribution



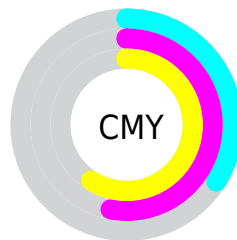
- Red (66%)
- Green (47%)
- Blue (41%)



- Red (66%)
- Yellow (49%)
- Blue (41%)



- Cyan (0%)
- Magenta (29%)
- Yellow (37%)
- Black (34%)





- Cyan (34%)
- Magenta (53%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.6420, 33.4230, 5.5110 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 132.6420, 33.4230, 5.5110 by changing the saturation by 10% instead.


 132.6420, 33.4230,
5.5110


 132.6420, 33.4230,
5.5110


255.0000, -0.0000,
-0.0000


 107.1580, 31.9100,
5.3980


 186.0230, 36.7240,
6.2600


 82.3750, 29.8010,
5.0730


 214.2080, 37.6410,
6.1610

 58.5920, 27.6920,
4.7480

 234.1350, 21.5490,
0.4370

 36.3960, 25.3080,
3.9000

 253.1760, 5.1360,
-4.9760

 14.3080, 22.7400,
6.3880

 0.0000, 0.0000,
0.0000

■ 132.6420, 33.4230,
5.5110

■ 132.6420, 33.4230,
5.5110

■ 123.0730, 42.4550,
7.0230

■ 142.2110, 24.3910,
3.9990

■ 113.5040, 51.4870,
8.5350

■ 151.7800, 15.3590,
2.4870

■ 104.6360, 59.9230,
9.8350

■ 160.6480, 6.9230,
1.1870

■ 95.0670, 68.9550,
11.3470

■ 170.2170, -2.1090,
-0.3250

■ 85.4980, 77.9870,
12.8590

■ 179.7860,
-11.1410, -1.8370

■ 75.9290, 87.0190,
14.3710

■ 189.3550,
-20.1730, -3.3490

■ 73.7120, 89.1280,
14.6960

■ 198.9240,
-29.2050, -4.8610

■ 208.3790,

-37.9160, -6.6840

■ 217.2470,
-46.3520, -7.9840

Harmonies

Analogous

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



133.8300, 30.2580, 13.3140



132.6420, 33.4230, 5.5110



131.3220, 28.1520, -3.5920

Triad

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



132.6420, 33.4230, 5.5110



123.8410, -22.1420, -17.2300



131.2710, -19.3960, 10.1080

Complementary

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



132.6420, 33.4230, 5.5110



140.3580, -33.4230, -5.5110

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.



126.0080, -38.0090, 0.5110



132.6420, 33.4230, 5.5110



121.3260, -39.5650, -15.3490

Square

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



132.6420, 33.4230, 5.5110



126.7200, -2.7480, -16.2840



122.3070, -46.5810, -9.3410



133.7960, 1.2350, 16.1710

Rectangle

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



132.6420, 33.4230, 5.5110



130.4410, 20.2670, -9.3730



122.3070, -46.5810, -9.3410



129.5690, -26.2270, 7.2530

Sweetspot

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



132.6420, 33.4230, 5.5110



205.6980, 12.6540, 1.9500



129.3090, 22.1400, 28.2840



101.8330, 7.8400, 1.0880



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



132.6420, 33.4230, 5.5110



163.8030, 52.0830, 8.7470



150.8390, 24.8980, -10.7020



79.5660, 4.2180, 0.6500



64.7970, 78.5830, 13.0710



8.9150, 10.5450, 1.6250

Inverse Universe

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



140.3580, -33.4230, -5.5110



176.1970, -52.0830, -8.7470



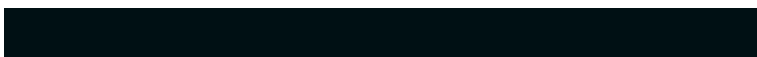
122.1610, -24.8980, 10.7020



80.4340, -4.2180, -0.6500



83.2030, -78.5830, -13.0710



11.6720, -10.8200, -2.1480

Previews

White Background



This preview shows how the YIQ color 132.6420, 33.4230, 5.5110 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 132.6420, 33.4230, 5.5110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

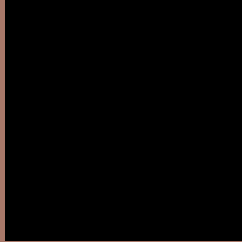
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.6420, 33.4230, 5.5110

Background



This preview shows how black text looks on a background with the YIQ color 132.6420, 33.4230, 5.5110.



This preview shows how white text looks on a background with the YIQ color 132.6420, 33.4230,

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

132.6420, 33.4230, 5.5110

Protanopia

130.9980, 11.5090, -4.8350

Deuteranopia

131.8640, 23.7500, -0.9060



Tritanopia

133.8730, 28.6990, 14.0350

Trichromacy



Original Color

132.6420, 33.4230, 5.5110

Protanomaly

131.7110, 19.8070, -1.0330

Deuteranomaly

132.1850, 27.2800, 1.2000

Tritanomaly

133.2490, 30.3960, 10.8120

Monochromacy



Original Color

132.6420, 33.4230, 5.5110

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.8120, 12.3330, 2.2610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.6420, 33.4230, 5.5110 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(168, 120, 105)` looks like.

```
.text, #text, p{  
    color:rgb(168, 120, 105)  
}
```

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(168, 120, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 120, 105) }
```

Border

The CSS property to change the border of an element to YIQ 132.6420, 33.4230, 5.5110 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(168, 120, 105) }
```


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

```
.border{ border-color:rgb(168, 120, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 120, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 120, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 120, 105);  
box-shadow:4px 4px 4px 4px rgb(168, 120,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 132.6420, 33.4230, 5.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 120, 105) }
```

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

```
.background{ background-color: rgb(168,  
120, 105) }
```

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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