

# Converting Colors

YIQ(132.0280, 55.5230, 1.4670)

Have a look what the booklet for  
YIQ(132.0280, 55.5230, 1.4670)  
contains.

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# Color

**YIQ(132.0280, 55.5230,  
1.4670)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA7449
RGB	186, 116, 73
RGB Percent	73%, 45%, 29%
CMY	0.2705, 0.5452, 0.7135
CMYK	0.00, 0.38, 0.61, 0.27
HSL	23°, 45%, 51%
HSV	23°, 61%, 73%
XYZ	27.7051, 23.4094, 9.3728
YIQ	132.0280, 55.5230, 1.4670

# Conversions

## Conversions Part 2

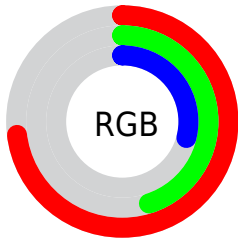
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 142, 73
Decimal	12219465
CIELab	55.49, 23.37, 34.95
CIELCh	55, 42.045, 56.236
Yxy	23.4094, 0.4580, 0.3870
Android (android.graphics.Color)	4290409545 (0xFFBA7449)
YUV	132.0280, -29.1008, 47.3334
Hunter-Lab	48.3833, 17.5413, 22.3826

# Details

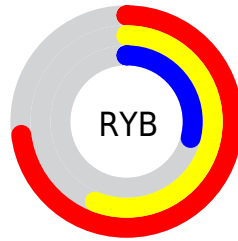
The YIQ color **132.0280, 55.5230, 1.4670** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **126.9720, -55.5230, -1.4670**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.8930, 60.3370, 2.3290**, and **80.9780, 49.7920, 0.7040** is the 20% darker color. If you saturate the color by 10%, you get **122.8180, 64.9220, 1.8340**, and if you desaturate by 10%, it is **141.2380, 46.1240, 1.1000**.

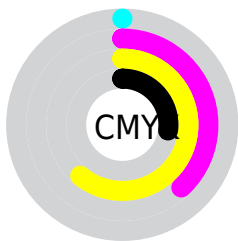
# Distribution



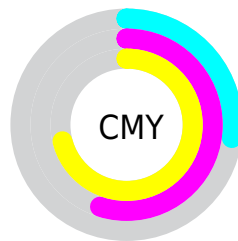
- Red (73%)
- Green (45%)
- Blue (29%)



- Red (73%)
- Yellow (56%)
- Blue (29%)



- Cyan (0%)
- Magenta (38%)
- Yellow (61%)
- Black (27%)




- Cyan (27%)
- Magenta (55%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 132.0280, 55.5230, 1.4670 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 132.0280, 55.5230, 1.4670 by changing the saturation by 10% instead.





 132.0280, 55.5230,  
1.4670


 132.0280, 55.5230,  
1.4670


255.0000, -0.0000,  
-0.0000


 106.0600, 52.4970,  
1.2410


 185.8930, 60.3370,  
2.3290


 80.9780, 49.7920,  
0.7040


 208.2830, 50.2510,  
-2.1090

 56.3690, 47.1330,  
-0.6670


 227.7970, 33.8840,  
-8.3560

 35.0400, 38.0540,  
4.1820

 247.8980, 17.2420,  
-15.1260

 14.3520, 28.6080,  
10.1760

 252.3780, 7.3830,  
-7.1530

 2.9900, 5.9600,  
2.1200

 0.0000, 0.0000,

0.0000

■ 132.0280, 55.5230,  
1.4670

■ 132.0280, 55.5230,  
1.4670

■ 122.8180, 64.9220,  
1.8340

■ 141.2380, 46.1240,  
1.1000

■ 114.3090, 73.7250,  
1.9890

■ 149.7470, 37.3210,  
0.9450

■ 105.0990, 83.1240,  
2.3560

■ 158.9570, 27.9220,  
0.5780

■ 97.2910, 91.3310,  
2.2990

■ 167.4660, 19.1190,  
0.4230

■ 176.6760, 9.7200,  
0.0560

■ 185.2990, 0.5960,  
0.2120

■ 194.3950, -8.4820,  
-0.4660

■ 203.0180,  
-17.6060, -0.3100

■ 212.1140,  
-26.6840, -0.9880

# Harmonies

## Analogous

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



133.4760, 57.8580, 19.7300



132.0280, 55.5230, 1.4670



129.5770, 40.0750, -15.9330

# Triad

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



132.0280, 55.5230, 1.4670



103.1150, -82.2920, -39.4760



134.2190, -21.6450, 23.3390

# Complementary

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



132.0280, 55.5230, 1.4670



126.9720, -55.5230, -1.4670

# 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.



120.2230, -72.1670, 2.8170



132.0280, 55.5230, 1.4670



107.3330, -94.1690, -27.9690

# Square

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



132.0280, 55.5230, 1.4670



120.2730, -24.0190, -32.7790



108.2910, -102.3780, -16.8580



137.0190, 17.3250, 32.9490



# Rectangle

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



132.0280, 55.5230, 1.4670



127.6240, 23.5250, -24.3710



108.2910, -102.3780, -16.8580



131.7440, -36.5450, 18.0390

# Sweetspot

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



132.0280, 55.5230, 1.4670



221.2490, 21.2280, 0.7480



114.9950, 44.2360, 46.3480



109.5300, 13.0670, -0.0290



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.



132.0280, 55.5230, 1.4670



157.8390, 86.7920, 1.9600



164.3130, 40.3980, -27.2980



87.4520, 4.5390, 0.3390



81.2770, 76.7510, 2.2150



14.8290, 13.6630, 0.1830



# Inverse Universe

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



126.9720, -55.5230, -1.4670



149.7480, -87.0670, -2.4830



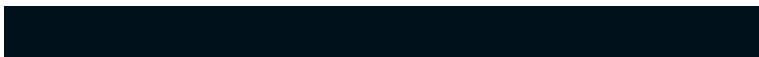
94.6870, -40.3980, 27.2980



86.9610, -4.2640, 0.1840



74.1360, -76.4760, -1.6920



13.1710, -13.6630, -0.1830



# Previews

## White Background



This preview shows how the YIQ color 132.0280, 55.5230, 1.4670 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 132.0280, 55.5230, 1.4670 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

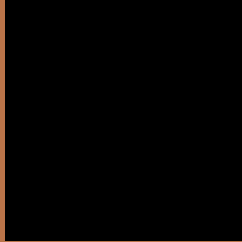
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 132.0280, 55.5230, 1.4670

## Background



This preview shows how black text looks on a background with the YIQ color 132.0280, 55.5230, 1.4670.



This preview shows how white text looks on a background with the YIQ color 132.0280, 55.5230,

1.4670.

# 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

132.0280, 55.5230, 1.4670

### Protanopia

130.7310, 25.0820, -14.0380

### Deuteranopia

131.3800, 39.4320, -9.7840



## Tritanopia

134.6470, 44.1950, 19.5470

# Trichromacy



## Original Color

132.0280, 55.5230, 1.4670

## Protanomaly

131.4660, 36.3140, -8.3420

## Deuteranomaly

131.5380, 44.9790, -5.6850

## Tritanomaly

133.5840, 48.5060, 13.0020

# Monochromacy



## Original Color

132.0280, 55.5230, 1.4670

## Achromatopsia

132.0000, -0.0000, -0.0000

## Achromatomaly

132.0640, 20.3110, 0.8470

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 132.0280, 55.5230, 1.4670 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, 116, 73)` looks like.

```
.text, #text, p{  
    color:rgb(186, 116, 73)  
}
```

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, 116, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 116, 73) }
```

## Border

The CSS property to change the border of an element to YIQ 132.0280, 55.5230, 1.4670 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, 116, 73) }
```



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

```
.border{ border-color:rgb(186, 116, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 116, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 116, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 116, 73);  
box-shadow:4px 4px 4px 4px rgb(186, 116,  
73) }
```

# Background

The CSS property to change the background color of an element to YIQ 132.0280, 55.5230, 1.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 116, 73) }
```

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

```
.background{ background-color: rgb(186,  
116, 73) }
```

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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