

Converting Colors

YIQ(130.3090, 30.1670, 9.4550)

Have a look what the booklet for
YIQ(130.3090, 30.1670, 9.4550)
contains.

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Color

**YIQ(130.3090, 30.1670,
9.4550)**

Conversions

Conversions Part 1

Format	Color
Hex	A57471
RGB	165, 116, 113
RGB Percent	65%, 45%, 44%
CMY	0.3528, 0.5452, 0.5567
CMYK	0.00, 0.30, 0.32, 0.35
HSL	3°, 22%, 55%
HSV	3°, 32%, 65%
XYZ	24.7485, 21.6815, 18.5125
YIQ	130.3090, 30.1670, 9.4550

Conversions

Conversions Part 2

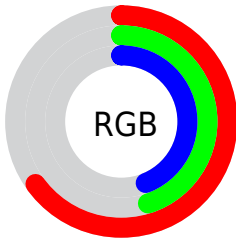
Format	Color
R_{YB}	165, 116, 113
Decimal	10843249
CIE _{Lab}	53.69, 18.90, 9.35
CIE _{LCh}	54, 21.092, 26.323
Yxy	21.6815, 0.3811, 0.3339
Android (android.graphics.Color)	4289033329 (0xFFA57471)
YUV	130.3090, -8.5333, 30.4240
Hunter-Lab	46.5634, 13.3873, 9.0220

Details

The YIQ color **130.3090, 30.1670, 9.4550** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **147.6910, -30.1670, -9.4550**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.5050, 32.5510, 10.3030**, and **80.2270, 27.4620, 8.9180** is the 20% darker color. If you saturate the color by 10%, you get **119.0930, 39.7030, 12.8470**, and if you desaturate by 10%, it is **141.6390, 20.3100, 6.3740**.

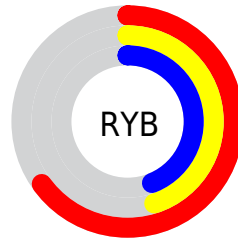
Distribution



Red (65%)

Green (45%)

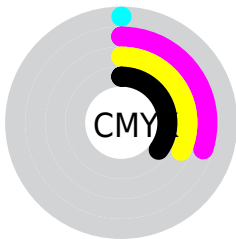
Blue (44%)



Red (65%)

Yellow (45%)

Blue (44%)

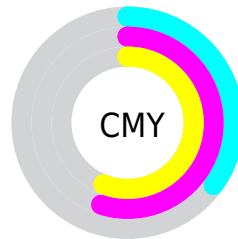


Cyan (0%)

Magenta (30%)

Yellow (32%)

Black (35%)



Cyan (35%)


Magenta (55%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.3090, 30.1670, 9.4550 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 130.3090, 30.1670, 9.4550 by changing the saturation by 10% instead.


 130.3090, 30.1670,
9.4550


 130.3090, 30.1670,
9.4550


255.0000, -0.0000,
-0.0000


 104.8250, 28.6540,
9.3420


 183.5050, 32.5510,
10.3030

 80.2270, 27.4620,
8.9180


 211.6900, 33.4680,
10.2040

 57.0310, 25.0780,
8.0700

 232.8130, 19.7600,
5.3280

 34.3620, 22.6480,
8.0560

 252.4410, 3.0720,
-0.6080

 11.9600, 23.8400,
8.4800

 0.0000, 0.0000,
0.0000

130.3090, 30.1670,
9.4550

130.3090, 30.1670,
9.4550

119.0930, 39.7030,
12.8470

141.6390, 20.3100,
6.3740

108.3500, 49.2850,
15.4050

152.2680, 11.0490,
3.5050

97.1340, 58.8210,
18.7970

163.5980, 1.1920,
0.4240

86.3910, 68.4030,
21.3550

174.2270, -8.0690,
-2.4450

75.1750, 77.9390,
24.7470

185.5570,
-17.9260, -5.5260

64.4320, 87.5210,
27.3050


196.1860,
-27.1870, -8.3950

54.6180, 95.8650,
30.2730

207.5160,
-37.0440, -11.4760

218.7320,

-46.5800, -14.8680

 228.0900,
-53.6400, -19.0800

Harmonies

Analogous

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



130.8770, 22.8760, 14.9400



130.3090, 30.1670, 9.4550



128.9680, 29.3890, 1.5250

Triad

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



130.3090, 30.1670, 9.4550



123.2400, -10.0840, -15.4920



126.3900, -27.2810, 4.3270

Complementary

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



130.3090, 30.1670, 9.4550



147.6910, -30.1670, -9.4550

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.



121.4760, -39.5670, -4.2950



130.3090, 30.1670, 9.4550



120.6710, -27.4150, -15.2790

Square

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



130.3090, 30.1670, 9.4550



125.6890, 7.7050, -12.9910



119.5480, -40.0700, -11.7020



129.4140, -9.4930, 12.3550

Rectangle

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



130.3090, 30.1670, 9.4550



127.9410, 24.8510, -4.3410



119.5480, -40.0700, -11.7020



124.1720, -32.5990, 1.5850

Sweetspot

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



130.3090, 30.1670, 9.4550



201.2680, 11.0490, 3.5050



134.1340, 15.2630, 26.2630



99.1750, 6.8770, 2.0210



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



130.3090, 30.1670, 9.4550



159.5670, 47.1760, 15.0800



145.5710, 23.0170, -4.1430



76.2780, 5.0890, 1.3850



48.0510, 84.2200, 26.5560



5.9690, 10.4530, 3.2930

Inverse Universe

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



147.6910, -30.1670, -9.4550



187.4330, -47.1760, -15.0800



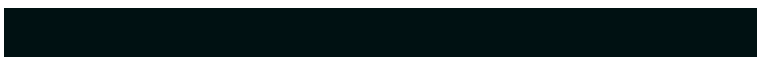
132.4290, -23.0170, 4.1430



78.7220, -5.0890, -1.3850



96.9490, -84.2200, -26.5560



12.0310, -10.4530, -3.2930

Previews

White Background



This preview shows how the YIQ color 130.3090, 30.1670, 9.4550 looks on a white background.

Color Contrast Check

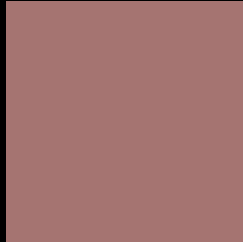
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.3090, 30.1670, 9.4550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

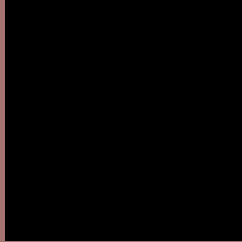
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.3090, 30.1670, 9.4550

Background



This preview shows how black text looks on a background with the YIQ color 130.3090, 30.1670, 9.4550.



This preview shows how white text looks on a background with the YIQ color 130.3090, 30.1670,

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

130.3090, 30.1670, 9.4550

Protanopia

128.4690, 5.8690, -1.7390

Deuteranopia

129.5090, 17.5600, 1.1440



Tritanopia

130.5740, 28.1030, 13.8230

Trichromacy



Original Color

130.3090, 30.1670, 9.4550

Protanomaly

129.4810, 14.7630, 2.2750

Deuteranomaly

129.8410, 22.5570, 4.1970

Tritanomaly

130.7050, 29.1120, 12.0560

Monochromacy



Original Color

130.3090, 30.1670, 9.4550

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.2680, 11.0490, 3.5050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.3090, 30.1670, 9.4550 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(165, 116, 113)` looks like.

```
.text, #text, p{  
    color:rgb(165, 116, 113)  
}
```

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(165, 116, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 116, 113) }
```

Border

The CSS property to change the border of an element to YIQ 130.3090, 30.1670, 9.4550 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(165, 116, 113) }
```


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

```
.border{ border-color:rgb(165, 116, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 116, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 116, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 116, 113);  
box-shadow:4px 4px 4px 4px rgb(165, 116,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 130.3090, 30.1670, 9.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 116, 113) }
```

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

```
.background{ background-color: rgb(165,  
116, 113) }
```

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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