

Converting Colors

YIQ(133.5260, 28.0580, 9.1300)

Have a look what the booklet for
YIQ(133.5260, 28.0580, 9.1300)
contains.

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Color

**YIQ(133.5260, 28.0580,
9.1300)**

Conversions

Conversions Part 1

Format	Color
Hex	A67876
RGB	166, 120, 118
RGB Percent	65%, 47%, 46%
CMY	0.3489, 0.5295, 0.5371
CMYK	0.00, 0.28, 0.29, 0.35
HSL	2°, 21%, 56%
HSV	2°, 29%, 65%
XYZ	25.7175, 22.8470, 20.2030
YIQ	133.5260, 28.0580, 9.1300

Conversions

Conversions Part 2

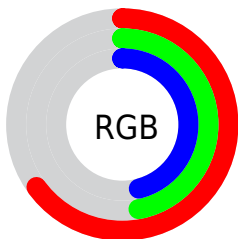
Format	Color
RYB	166, 120, 118
Decimal	10909814
CIELab	54.91, 17.73, 8.19
CIElCh	55, 19.532, 24.803
Yxy	22.8470, 0.3740, 0.3322
Android (android.graphics.Color)	4289099894 (0xFFA67876)
YUV	133.5260, -7.6543, 28.4797
Hunter-Lab	47.7985, 12.3930, 8.3989

Details

The YIQ color **133.5260, 28.0580, 9.1300** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **150.4740, -28.0580, -9.1300**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.3090, 30.1670, 9.4550**, and **83.4440, 25.3530, 8.5930** is the 20% darker color. If you saturate the color by 10%, you get **122.1960, 37.9150, 12.2110**, and if you desaturate by 10%, it is **144.8560, 18.2010, 6.0490**.

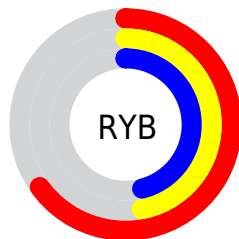
Distribution



Red (65%)

Green (47%)

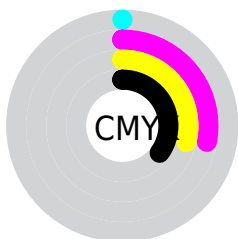
Blue (46%)



Red (65%)

Yellow (47%)

Blue (46%)

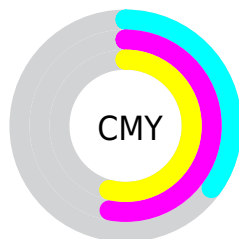


Cyan (0%)

Magenta (28%)

Yellow (29%)

Black (35%)



Cyan (35%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.5260, 28.0580, 9.1300 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, 28.0580, 9.1300 by changing the saturation by 10% instead.

■ 133.5260, 28.0580,
9.1300

■ 133.5260, 28.0580,
9.1300

255.0000, -0.0000,
-0.0000

■ 107.9280, 26.8660,
8.7060

■ 187.3090, 30.1670,
9.4550

■ 83.4440, 25.3530,
8.5930

■ 214.9070, 31.3590,
9.8790

■ 59.6610, 23.2440,
8.2680

■ 235.7310, 17.0550,
4.7910

■ 37.7640, 21.4560,
7.6320

254.8860, 0.3210,
-0.3110

■ 14.0200, 23.6110,
7.1230

■ 0.0000, 0.0000,
0.0000

133.5260, 28.0580,
9.1300

133.5260, 28.0580,
9.1300

122.1960, 37.9150,
12.2110

144.8560, 18.2010,
6.0490

110.9800, 47.4510,
15.6030

156.0720, 8.6650,
2.6570

99.6500, 57.3080,
18.6840

167.4020, -1.1920,
-0.4240

88.4340, 66.8440,
22.0760

178.6180,
-10.7280, -3.8160

77.1040, 76.7010,
25.1570

189.9480,
-20.5850, -6.8970

65.7740, 86.5580,
28.2380

201.2780,
-30.4420, -9.9780

54.5580, 96.0940,
31.6300


211.9070,
-39.7030, -12.8470

53.7430, 97.0110,

223.2370,

31.5310

-49.5600, -15.9280

 228.3890,
-53.0440, -18.8680

Harmonies

Analogous

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



134.5670, 20.8130, 13.7810



133.5260, 28.0580, 9.1300



132.4840, 27.8760, 1.4120

Triad

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



133.5260, 28.0580, 9.1300



127.1370, -8.2960, -14.8560



129.4610, -26.0430, 3.9170

Complementary

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



133.5260, 28.0580, 9.1300



150.4740, -28.0580, -9.1300

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.



125.3300, -36.2200, -4.3800



133.5260, 28.0580, 9.1300



124.8670, -25.0310, -14.4310

Square

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



133.5260, 28.0580, 9.1300



129.3300, 7.3380, -11.8460



124.1140, -35.8520, -11.0520



132.4740, -9.7220, 10.9980

Rectangle

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



133.5260, 28.0580, 9.1300



131.2830, 23.8880, -3.4080



124.1140, -35.8520, -11.0520



128.4280, -30.4440, 1.0760

Sweetspot

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



133.5260, 28.0580, 9.1300



203.5670, 11.6450, 3.7170



137.5960, 13.8420, 24.4820



101.5880, 7.1520, 2.5440



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.



133.5260, 28.0580, 9.1300



165.4850, 44.4710, 14.5430



147.6140, 21.4580, -3.4220



78.3920, 4.7680, 1.6960



47.7740, 86.5580, 28.2380



6.5670, 11.6450, 3.7170

Inverse Universe

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



150.4740, -28.0580, -9.1300



192.5150, -44.4710, -14.5430



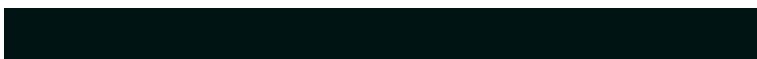
136.3860, -21.4580, 3.4220



81.6080, -4.7680, -1.6960



100.2260, -86.5580, -28.2380



14.0200, -11.9200, -4.2400

Previews

White Background



This preview shows how the YIQ color 133.5260, 28.0580, 9.1300 looks on a white background.

Color Contrast Check

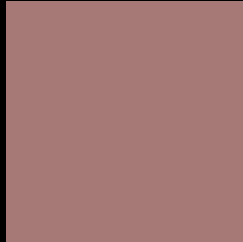
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.0580, 9.1300 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, 28.0580, 9.1300

Background



This preview shows how black text looks on a background with the YIQ color 133.5260, 28.0580, 9.1300.



This preview shows how white text looks on a background with the YIQ color 133.5260, 28.0580,

9.1300.

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, 28.0580, 9.1300

Protanopia

131.6970, 5.2270, -1.1170

Deuteranopia

132.7370, 16.9180, 1.7660



Tritanopia

134.3780, 25.7190, 12.9750

Trichromacy



Original Color

133.5260, 28.0580, 9.1300

Protanomaly

132.4100, 13.5250, 2.6850

Deuteranomaly

132.7700, 21.3190, 4.6070

Tritanomaly

133.9220, 27.0030, 11.7310

Monochromacy



Original Color

133.5260, 28.0580, 9.1300

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.9690, 10.4530, 3.2930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.5260, 28.0580, 9.1300 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(166, 120, 118)` looks like.

```
.text, #text, p{  
    color:rgb(166, 120, 118)  
}
```

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(166, 120, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 120, 118) }
```

Border

The CSS property to change the border of an element to YIQ 133.5260, 28.0580, 9.1300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

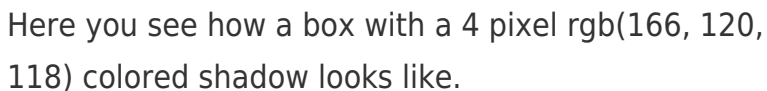
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 120, 118) }
```


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

```
.border{ border-color:rgb(166, 120, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 120, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 120, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 120, 118); box-shadow:4px 4px 4px 4px rgb(166, 120, 118) }
```

Background

The CSS property to change the background color of an element to YIQ 133.5260, 28.0580, 9.1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 120, 118) }
```

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

```
.background{ background-color: rgb(166,  
120, 118) }
```

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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