

Converting Colors

YIQ(145.6580, 18.1580, -9.6980)

Have a look what the booklet for
YIQ(145.6580, 18.1580, -9.6980)
contains.

YIQ(145.6580, 18.1580, -9.6980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(145.6580, 18.1580,
-9.6980)**

Conversions

Conversions Part 1

Format	Color
Hex	9D936D
RGB	157, 147, 109
RGB Percent	62%, 58%, 43%
CMY	0.3843, 0.4235, 0.5724
CMYK	0.00, 0.06, 0.31, 0.38
HSL	47°, 20%, 52%
HSV	47°, 31%, 62%
XYZ	27.0994, 29.1389, 18.6714
YIQ	145.6580, 18.1580, -9.6980

Conversions

Conversions Part 2

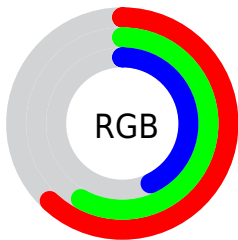
Format	Color
R_{YB}	122, 157, 109
Decimal	10326893
CIE _{Lab}	60.90, -2.40, 21.48
CIE _{LCh}	61, 21.612, 96.365
Yxy	29.1389, 0.3618, 0.3890
Android (android.graphics.Color)	4288516973 (0xFF9D936D)
YUV	145.6580, -18.0724, 9.9469
Hunter-Lab	53.9804, -4.8548, 17.2784

Details

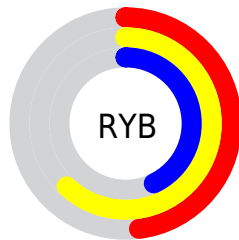
The YIQ color **145.6580, 18.1580, -9.6980** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **120.3420, -18.1580, 9.6980**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **199.7290, 19.3960, -10.1080**, and **95.2880, 16.3240, -9.5000** is the 20% darker color. If you saturate the color by 10%, you get **142.0730, 24.1190, -13.1050**, and if you desaturate by 10%, it is **149.2430, 12.1970, -6.2910**.

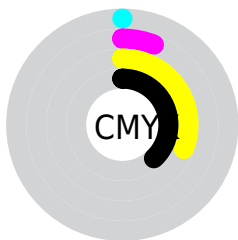
Distribution



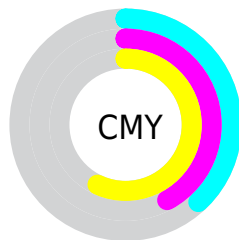
- Red (62%)
- Green (58%)
- Blue (43%)



- Red (48%)
- Yellow (62%)
- Blue (43%)



- Cyan (0%)
- Magenta (6%)
- Yellow (31%)
- Black (38%)





- Cyan (38%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.6580, 18.1580, -9.6980 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 145.6580, 18.1580, -9.6980 by changing the saturation by 10% instead.


 145.6580, 18.1580,
-9.6980


 145.6580, 18.1580,
-9.6980


255.0000, -0.0000,
-0.0000

 119.8860, 17.5160,
-9.0760


 199.7290, 19.3960,
-10.1080

 95.2880, 16.3240,
-9.5000


 227.9140, 20.3130,
-10.2070


 71.2170, 15.0860,
-9.0900

 250.5540, 12.5190,
-12.1290

 48.1460, 13.8480,
-8.6800

 253.7460, 3.5310,
-3.4210

 27.4880, 12.8850,
-7.7470

 2.9350, -1.3750,
-2.6150

 0.0000, 0.0000,

0.0000

■ 145.6580, 18.1580,
-9.6980

■ 145.6580, 18.1580,
-9.6980

■ 142.0730, 24.1190,
-13.1050

■ 149.2430, 12.1970,
-6.2910

■ 138.0150, 30.0340,
-15.6780

■ 153.3010, 6.2820,
-3.7180

■ 134.4300, 35.9950,
-19.0850

■ 156.8860, 0.3210,
-0.3110

■ 130.8450, 41.9560,
-22.4920

■ 160.4710, -5.6400,
3.0960

■ 127.3740, 47.5960,
-25.5880

■ 164.0560,
-11.6010, 6.5030

■ 123.2020, 53.8320,
-28.4720

■ 168.1140,
-17.5160, 9.0760

■ 119.7310, 59.4720,
-31.5680

■ 171.6990,
-23.4770, 12.4830

■ 175.2840,
-29.4380, 15.8900

■ 178.7550,
-35.0780, 18.9860

Harmonies

Analogous

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



147.6750, 28.6560, -1.7120



145.6580, 18.1580, -9.6980



143.6990, 1.7450, -15.1110

Triad

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



145.6580, 18.1580, -9.6980



138.9330, -42.5920, -10.0480



150.1520, 14.8520, 17.1880

Complementary

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



145.6580, 18.1580, -9.6980



120.3420, -18.1580, 9.6980

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.



149.4040, -3.5330, 14.4750



145.6580, 18.1580, -9.6980



141.8400, -37.5960, -1.4680

Square

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



145.6580, 18.1580, -9.6980



138.8490, -33.7880, -15.4200



145.9500, -22.9260, 8.0020



149.6880, 27.7820, 14.1340

Rectangle

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



145.6580, 18.1580, -9.6980



141.4140, -10.6340, -16.5380



145.9500, -22.9260, 8.0020



150.1020, 9.1210, 16.4250

Sweetspot

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



145.6580, 18.1580, -9.6980



199.6000, 6.8780, -3.5060



124.4920, 25.3980, 13.2860



99.5720, 4.0810, -2.3750



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



145.6580, 18.1580, -9.6980



186.0580, 28.4750, -14.9570



147.3420, 7.0640, -17.8960



76.9140, 3.1180, -1.4420



109.0880, 54.1530, -28.7830



11.5290, 5.6400, -3.0960

Inverse Universe

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



120.3420, -18.1580, 9.6980



146.3550, -28.2000, 15.4800



118.6580, -7.0640, 17.8960



73.0860, -3.1180, 1.4420



33.9120, -54.1530, 28.7830



3.4710, -5.6400, 3.0960

Previews

White Background



This preview shows how the YIQ color 145.6580, 18.1580, -9.6980 looks on a white background.

Color Contrast Check

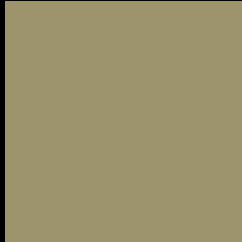
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.6580, 18.1580, -9.6980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

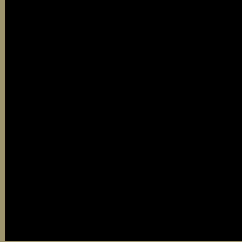
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.6580, 18.1580, -9.6980

Background



This preview shows how black text looks on a background with the YIQ color 145.6580, 18.1580, -9.6980.



This preview shows how white text looks on a background with the YIQ color 145.6580, 18.1580,

-9.6980.

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

145.6580, 18.1580, -9.6980

Protanopia

145.9570, 18.7540, -9.4860

Deuteranopia

147.0340, 29.0230, -2.8570



Tritanopia

148.5330, 8.9850, 7.8730

Trichromacy



Original Color

145.6580, 18.1580, -9.6980

Protanomaly

145.9570, 18.7540, -9.4860

Deuteranomaly

146.4140, 24.8970, -5.1750

Tritanomaly

147.2850, 12.3790, 1.4270

Monochromacy



Original Color

145.6580, 18.1580, -9.6980

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.7140, 6.5570, -3.1950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.6580, 18.1580, -9.6980 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(157, 147, 109)` looks like.

```
.text, #text, p{  
    color:rgb(157, 147, 109)  
}
```

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(157, 147, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 147, 109) }
```

Border

The CSS property to change the border of an element to YIQ 145.6580, 18.1580, -9.6980 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(157, 147, 109) }
```


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

```
.border{ border-color:rgb(157, 147, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 147, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 147, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 147, 109); box-shadow:4px 4px 4px 4px rgb(157, 147, 109) }
```

Background

The CSS property to change the background color of an element to YIQ 145.6580, 18.1580, -9.6980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 147, 109) }
```

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

```
.background{ background-color: rgb(157,  
147, 109) }
```

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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