

Converting Colors

YIQ(145.5310, 2.1580, -17.0900)

Have a look what the booklet for
YIQ(145.5310, 2.1580, -17.0900)
contains.

YIQ(145.5310, 2.1580, -17.0900)	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(145.5310, 2.1580,
-17.0900)**

Conversions

Conversions Part 1

Format	Color
Hex	899C72
RGB	137, 156, 114
RGB Percent	54%, 61%, 45%
CMY	0.4628, 0.3882, 0.5529
CMYK	0.12, 0.00, 0.27, 0.39
HSL	87°, 18%, 53%
HSV	87°, 27%, 61%
XYZ	25.2412, 30.3115, 20.4431
YIQ	145.5310, 2.1580, -17.0900

Conversions

Conversions Part 2

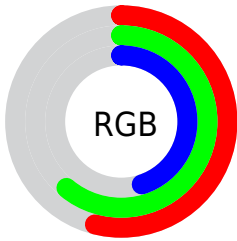
Format	Color
RYB	114, 156, 133
Decimal	9018482
CIELab	61.92, -14.49, 19.83
CIELCh	62, 24.553, 126.153
Yxy	30.3115, 0.3321, 0.3989
Android (android.graphics.Color)	4287208562 (0xFF899C72)
YUV	145.5310, -15.5448, -7.4817
Hunter-Lab	55.0559, -14.5119, 16.5239

Details

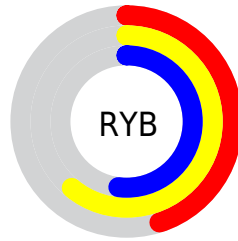
The YIQ color **145.5310, 2.1580, -17.0900** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **124.4690, -2.1580, 17.0900**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **199.8900, 2.5250, -18.2350**, and **95.1720, 1.7910, -15.9450** is the 20% darker color. If you saturate the color by 10%, you get **141.6140, 3.1220, -23.5500**, and if you desaturate by 10%, it is **149.4480, 1.1940, -10.6300**.

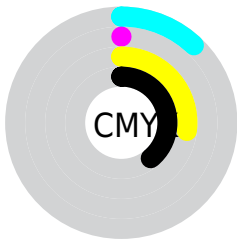
Distribution



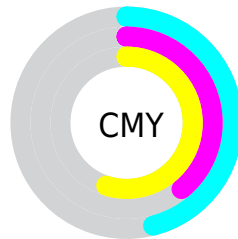
- Red (54%)
- Green (61%)
- Blue (45%)



- Red (45%)
- Yellow (61%)
- Blue (52%)



- Cyan (12%)
- Magenta (0%)
- Yellow (27%)
- Black (39%)



- Cyan (46%)
- Magenta (39%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.5310, 2.1580, -17.0900 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 145.5310, 2.1580, -17.0900 by changing the saturation by 10% instead.

■ 145.5310, 2.1580,
-17.0900

■ 145.5310, 2.1580,
-17.0900

■ 255.0000, -0.0000,
-0.0000

■ 119.6450, 1.8370,
-16.7790

■ 199.8900, 2.5250,
-18.2350

■ 95.1720, 1.7910,
-15.9450

■ 227.7760, 2.8460,
-18.5460

■ 71.2860, 1.4700,
-15.6340

■ 248.7320, 6.1460,
-12.2700

■ 48.5140, 0.8280,
-15.0120

■ 254.4300, 1.6050,
-1.5550

■ 27.4110, 2.6160,
-14.3760

■ 7.6310, -3.5750,
-6.7990

■ 0.0000, 0.0000,

0.0000

■ 145.5310, 2.1580,
-17.0900

■ 145.5310, 2.1580,
-17.0900

■ 141.6140, 3.1220,
-23.5500

■ 149.4480, 1.1940,
-10.6300

■ 137.8110, 3.7650,
-29.6990

■ 153.2510, 0.5510,
-4.4810

■ 133.8940, 4.7290,
-36.1590

■ 157.1680, -0.4130,
1.9790

■ 130.0910, 5.3720,
-42.3080

■ 160.9710, -1.0560,
8.1280

■ 126.1740, 6.3360,
-48.7680

■ 164.8880, -2.0200,
14.5880

■ 122.2570, 7.3000,
-55.2280

■ 168.8050, -2.9840,
21.0480

■ 118.4540, 7.9430,
-61.3770

■ 172.6080, -3.6270,
27.1970

■ 116.9870, 7.7600,
-63.5680

■ 176.8240, -3.9950,
33.8690

■ 180.6270, -4.6380,
40.0180

Harmonies

Analogous

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



148.2730, 20.6800, -11.3520



145.5310, 2.1580, -17.0900



142.3420, -19.2990, -19.1950

Triad

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



145.5310, 2.1580, -17.0900



143.3060, -44.8400, -2.3440



153.0090, 31.3120, 16.2400

Complementary

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



145.5310, 2.1580, -17.0900



124.4690, -2.1580, 17.0900

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.



153.1030, 16.5480, 19.4920



145.5310, 2.1580, -17.0900



148.6230, -26.3190, 8.9210

Square

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



145.5310, 2.1580, -17.0900



139.4590, -50.0650, -12.2810



151.9850, -3.6710, 16.9770



151.4900, 36.9070, 8.4510

Rectangle

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



145.5310, 2.1580, -17.0900



140.7410, -33.6040, -18.7560



151.9850, -3.6710, 16.9770



152.9100, 27.2770, 17.7810

Sweetspot

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



145.5310, 2.1580, -17.0900



200.0830, 0.9640, -6.4600



137.7110, 19.8070, -1.0330



99.3650, 0.2300, -4.1700



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.



145.5310, 2.1580, -17.0900



187.6200, 2.9850, -26.5750



139.2520, -10.3580, -21.5420



76.8920, 0.1840, -3.3360



107.2630, 7.1630, -58.2530



11.1970, 0.6430, -6.1490

Inverse Universe

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



124.4690, -2.1580, 17.0900



155.0810, -3.5810, 26.3630



130.7480, 10.3580, 21.5420



73.1080, -0.1840, 3.3360



35.7370, -7.1630, 58.2530



3.8030, -0.6430, 6.1490

Previews

White Background



This preview shows how the YIQ color 145.5310, 2.1580, -17.0900 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 145.5310, 2.1580, -17.0900 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 ✓ Pass

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

YIQ 145.5310, 2.1580, -17.0900

Background



This preview shows how black text looks on a background with the YIQ color 145.5310, 2.1580, -17.0900.



This preview shows how white text looks on a background with the YIQ color 145.5310, 2.1580, -17.0900.

-17.0900.

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

145.5310, 2.1580, -17.0900

Protanopia

147.9570, 18.7540, -9.4860

Deuteranopia

149.6040, 27.4180, -1.3020



Tritanopia

149.5740, -7.4280, 2.4600

Trichromacy



Original Color

145.5310, 2.1580, -17.0900

Protanomaly

147.4400, 12.8400, -12.4400

Deuteranomaly

148.2390, 18.0200, -7.1960

Tritanomaly

147.9130, -4.3090, -4.5090

Monochromacy



Original Color

145.5310, 2.1580, -17.0900

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.0830, 0.9640, -6.4600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.5310, 2.1580, -17.0900 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(137, 156, 114)` looks like.

```
.text, #text, p{  
    color:rgb(137, 156, 114)  
}
```

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(137, 156, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 156, 114) }
```

Border

The CSS property to change the border of an element to YIQ 145.5310, 2.1580, -17.0900 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(137, 156, 114) }
```


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

```
.border{ border-color:rgb(137, 156, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 156, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 156, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 156, 114);  
box-shadow:4px 4px 4px 4px rgb(137, 156,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 145.5310, 2.1580, -17.0900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 156, 114) }
```

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

```
.background{ background-color: rgb(137,  
156, 114) }
```

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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