

Converting Colors

YIQ(145.7930, 4.1760, -20.6240)

Have a look what the booklet for
YIQ(145.7930, 4.1760, -20.6240)
contains.

YIQ(145.7930, 4.1760, -20.6240)	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(145.7930, 4.1760,
-20.6240)**

Conversions

Conversions Part 1

Format	Color
Hex	899E6A
RGB	137, 158, 106
RGB Percent	54%, 62%, 42%
CMY	0.4628, 0.3803, 0.5843
CMYK	0.13, 0.00, 0.33, 0.38
HSL	84°, 21%, 52%
HSV	84°, 33%, 62%
XYZ	25.1437, 30.8142, 18.2621
YIQ	145.7930, 4.1760, -20.6240

Conversions

Conversions Part 2

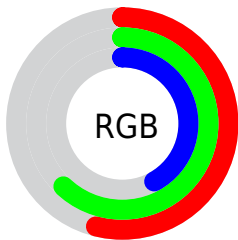
Format	Color
RYB	106, 158, 127
Decimal	9018986
CIELab	62.35, -16.75, 24.79
CIELCh	62, 29.917, 124.038
Yxy	30.8142, 0.3388, 0.4152
Android (android.graphics.Color)	4287209066 (0xFF899E6A)
YUV	145.7930, -19.6179, -7.7115
Hunter-Lab	55.5105, -16.2912, 19.3518

Details

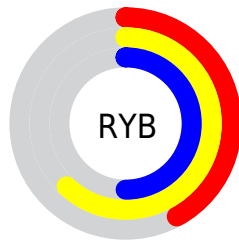
The YIQ color **145.7930, 4.1760, -20.6240** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **118.2070, -4.1760, 20.6240**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.1520, 4.5430, -21.7690**, and **95.1350, 3.2130, -19.6910** is the 20% darker color. If you saturate the color by 10%, you get **142.1750, 5.7360, -26.8720**, and if you desaturate by 10%, it is **149.4110, 2.6160, -14.3760**.

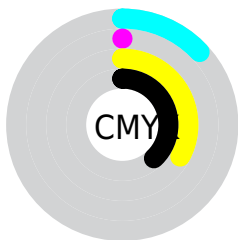
Distribution



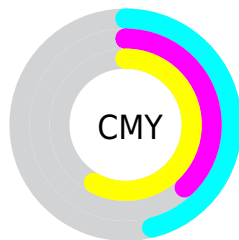
- Red (54%)
- Green (62%)
- Blue (42%)



- Red (42%)
- Yellow (62%)
- Blue (50%)



- Cyan (13%)
- Magenta (0%)
- Yellow (33%)
- Black (38%)



- Cyan (46%)
- Magenta (38%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.7930, 4.1760, -20.6240 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 145.7930, 4.1760, -20.6240 by changing the saturation by 10% instead.

■ 145.7930, 4.1760,
-20.6240

■ 145.7930, 4.1760,
-20.6240

■ 255.0000, -0.0000,
-0.0000

■ 119.9070, 3.8550,
-20.3130

■ 200.1520, 4.5430,
-21.7690

■ 95.1350, 3.2130,
-19.6910

■ 228.0380, 4.8640,
-22.0800

■ 70.6620, 3.1670,
-18.8570

■ 248.1190, 9.3100,
-14.5460

■ 47.7760, 2.8460,
-18.5460

■ 253.4040, 4.4940,
-4.3540

■ 27.4000, 1.1490,
-15.3230

■ 8.8050, -4.1250,
-7.8450

■ 0.0000, 0.0000,

0.0000

■ 145.7930, 4.1760,
-20.6240

■ 145.7930, 4.1760,
-20.6240

■ 142.1750, 5.7360,
-26.8720

■ 149.4110, 2.6160,
-14.3760

■ 138.2580, 6.7000,
-33.3320

■ 153.3280, 1.6520,
-7.9160

■ 134.7540, 7.9390,
-39.2690

■ 156.8320, 0.4130,
-1.9790

■ 130.8370, 8.9030,
-45.7290

■ 160.7490, -0.5510,
4.4810

■ 127.2190, 10.4630,
-51.9770

■ 164.3670, -2.1110,
10.7290

■ 123.6010, 12.0230,
-58.2250

■ 167.9850, -3.6710,
16.9770

■ 120.8520, 12.5740,
-62.7060

■ 171.9020, -4.6350,
23.4370

■ 175.4060, -5.8740,
29.3740

■ 179.3230, -6.8380,
35.8340

Harmonies

Analogous

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



148.5570, 25.6320, -12.9920



145.7930, 4.1760, -20.6240



141.8530, -22.4160, -23.2800

Triad

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



145.7930, 4.1760, -20.6240



140.4120, -59.8780, -5.1420



154.1670, 36.8590, 20.3390

Complementary

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



145.7930, 4.1760, -20.6240



118.2070, -4.1760, 20.6240

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.



154.7060, 19.3440, 23.8880



145.7930, 4.1760, -20.6240



148.2460, -35.4430, 9.0770

Square

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



145.7930, 4.1760, -20.6240



134.4290, -67.7160, -17.2840



153.7120, -7.1560, 19.5640



152.3770, 44.6550, 11.2070

Rectangle

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



145.7930, 4.1760, -20.6240



138.6860, -40.9390, -23.4910



153.7120, -7.1560, 19.5640



154.2960, 32.1820, 22.5020

Sweetspot

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



145.7930, 4.1760, -20.6240



201.9150, 1.3770, -8.4390



133.8750, 25.2170, 0.0410



101.7240, 0.5970, -5.3150



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



145.7930, 4.1760, -20.6240



187.8990, 6.3330, -32.1870



138.0190, -11.3200, -26.1360



77.1910, 0.7800, -3.1240



109.3560, 11.3350, -56.7690



11.4960, 1.2390, -5.9370

Inverse Universe

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



118.2070, -4.1760, 20.6240



145.1010, -6.3330, 32.1870



125.9810, 11.3200, 26.1360



72.8090, -0.7800, 3.1240



33.6440, -11.3350, 56.7690



3.5040, -1.2390, 5.9370

Previews

White Background



This preview shows how the YIQ color 145.7930, 4.1760, -20.6240 looks on a white background.

Color Contrast Check

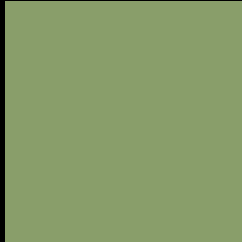
Large Text (above 18pt) WCAG AA × Fail

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 145.7930, 4.1760, -20.6240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

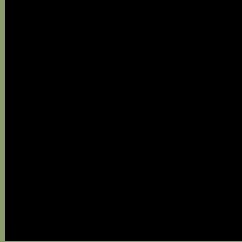
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 145.7930, 4.1760, -20.6240

Background



This preview shows how black text looks on a background with the YIQ color 145.7930, 4.1760, -20.6240.



This preview shows how white text looks on a background with the YIQ color 145.7930, 4.1760,

-20.6240.

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

145.7930, 4.1760, -20.6240

Protanopia

148.5290, 22.8350, -11.8610

Deuteranopia

150.1760, 31.4990, -3.6770



Tritanopia

150.5740, -7.4280, 2.4600

Trichromacy



Original Color

145.7930, 4.1760, -20.6240

Protanomaly

147.7130, 16.3250, -15.0270

Deuteranomaly

148.5120, 21.5050, -9.7830

Tritanomaly

149.0440, -3.3000, -6.2760

Monochromacy



Original Color

145.7930, 4.1760, -20.6240

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.7410, 1.9270, -7.3930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.7930, 4.1760, -20.6240 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, 158, 106)` looks like.

```
.text, #text, p{  
    color:rgb(137, 158, 106)  
}
```

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, 158, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 158, 106) }
```

Border

The CSS property to change the border of an element to YIQ 145.7930, 4.1760, -20.6240 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, 158, 106) }
```


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

```
.border{ border-color:rgb(137, 158, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 158, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 158, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 158, 106);  
box-shadow:4px 4px 4px 4px rgb(137, 158,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 145.7930, 4.1760, -20.6240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 158, 106) }
```

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

```
.background{ background-color: rgb(137,  
158, 106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor