

Converting Colors

YIQ(145.7760, 21.1820, 1.5820)

Have a look what the booklet for
YIQ(145.7760, 21.1820, 1.5820)
contains.

YIQ(145.7760, 21.1820, 1.5820)	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(145.7760, 21.1820,
1.5820)**

Conversions

Conversions Part 1

Format	Color
Hex	A78B7D
RGB	167, 139, 125
RGB Percent	65%, 55%, 49%
CMY	0.3450, 0.4549, 0.5097
CMYK	0.00, 0.17, 0.25, 0.35
HSL	20°, 19%, 57%
HSV	20°, 25%, 65%
XYZ	28.8736, 28.1602, 23.3238
YIQ	145.7760, 21.1820, 1.5820

Conversions

Conversions Part 2

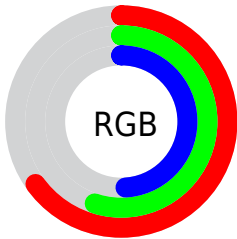
Format	Color
R _Y B	167, 146, 125
Decimal	10980221
CIE Lab	60.03, 8.39, 11.42
CIE LCh	60, 14.173, 53.713
Yxy	28.1602, 0.3593, 0.3504
Android (android.graphics.Color)	4289170301 (0xFFA78B7D)
YUV	145.7760, -10.2426, 18.6134
Hunter-Lab	53.0662, 4.2570, 11.0870

Details

The YIQ color $145.7760, 21.1820, 1.5820$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $146.2240, -21.1820, -1.5820$, and the grayscale version is $146.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $199.6730, 22.9700, 2.2180$, and $94.9930, 19.0730, 1.2570$ is the 20% darker color. If you saturate the color by 10%, you get $137.3810, 29.6640, 2.0480$, and if you desaturate by 10%, it is $154.1710, 12.7000, 1.1160$.

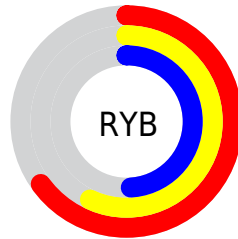
Distribution



Red (65%)

Green (55%)

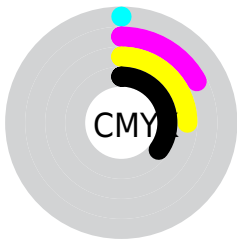
Blue (49%)



Red (65%)

Yellow (57%)

Blue (49%)

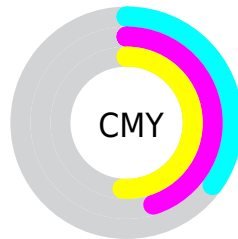


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (35%)



Cyan (35%)


Magenta (45%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.7760, 21.1820, 1.5820 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 145.7760, 21.1820, 1.5820 by changing the saturation by 10% instead.


 145.7760, 21.1820,
1.5820


 145.7760, 21.1820,
1.5820


255.0000, -0.0000,
-0.0000


 120.1780, 19.9900,
1.1580


 199.6730, 22.9700,
2.2180


 94.9930, 19.0730,
1.2570


 227.5590, 23.2910,
1.9070

 71.3950, 17.8810,
0.8330

 248.9700, 8.7120,
-3.7040

 48.3240, 16.6430,
1.2430

 27.3840, 16.4140,
-0.1140

 5.6810, 11.3240,
4.0280

 0.0000, 0.0000,

0.0000

■ 145.7760, 21.1820,
1.5820

■ 145.7760, 21.1820,
1.5820

■ 137.3810, 29.6640,
2.0480

■ 154.1710, 12.7000,
1.1160

■ 129.1000, 37.8250,
2.8250

■ 162.4520, 4.5390,
0.3390

■ 120.7050, 46.3070,
3.2910

■ 170.8470, -3.9430,
-0.1270

■ 111.7230, 55.0640,
4.2800

■ 179.8290,
-12.7000, -1.1160

■ 103.4420, 63.2250,
5.0570

■ 188.2240,
-21.1820, -1.5820

■ 95.0470, 71.7070,
5.5230

■ 196.5050,
-29.3430, -2.3590

■ 86.6520, 80.1890,
5.9890

■ 204.9000,
-37.8250, -2.8250

■ 82.8050, 84.1320,
6.1160

■ 212.8390,
-45.0230, -4.5350

■ 219.2960,
-48.0480, -10.2880

Harmonies

Analogous

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



146.3510, 21.1810, 7.1090



145.7760, 21.1820, 1.5820



144.5640, 15.7270, -4.1850

Triad

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



145.7760, 21.1820, 1.5820



140.5800, -16.7330, -10.6290



145.4480, -6.8330, 8.1990

Complementary

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



145.7760, 21.1820, 1.5820



146.2240, -21.1820, -1.5820

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.



143.8270, -18.3860, 2.8140



145.7760, 21.1820, 1.5820



140.2680, -24.4820, -7.8580

Square

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



145.7760, 21.1820, 1.5820



141.7400, -5.5000, -10.4600



141.4300, -24.7580, -2.8540



146.4880, 4.8580, 11.0820

Rectangle

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



145.7760, 21.1820, 1.5820



143.9330, 10.1340, -7.4500



141.4300, -24.7580, -2.8540



145.0560, -11.6010, 6.5030

Sweetspot

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



145.7760, 21.1820, 1.5820



207.9040, 9.0780, 0.6780



140.8640, 15.7230, 17.9230



104.0500, 5.7310, 0.7630



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.



145.7760, 21.1820, 1.5820



183.7620, 32.9650, 2.7970



157.5160, 15.6820, -8.8780



80.1530, 3.9430, 0.1270



73.0150, 74.7330, 5.7490



10.0890, 9.9950, 0.5790

Inverse Universe

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



146.2240, -21.1820, -1.5820



184.6510, -32.6900, -2.2740



134.4840, -15.6820, 8.8780



79.8470, -3.9430, -0.1270



74.9850, -74.7330, -5.7490



10.4980, -10.2700, -1.1020

Previews

White Background



This preview shows how the YIQ color 145.7760, 21.1820, 1.5820 looks on a white background.

Color Contrast Check

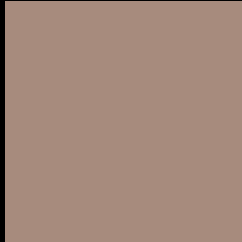
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.7760, 21.1820, 1.5820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

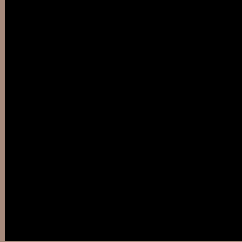
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.7760, 21.1820, 1.5820

Background



This preview shows how black text looks on a background with the YIQ color 145.7760, 21.1820, 1.5820.



This preview shows how white text looks on a background with the YIQ color 145.7760, 21.1820,

1.5820.

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

145.7760, 21.1820, 1.5820

Protanopia

144.2690, 9.3080, -3.4920

Deuteranopia

145.4770, 20.5860, 1.3700



Tritanopia

147.3060, 17.0540, 10.3180

Trichromacy



Original Color

145.7760, 21.1820, 1.5820

Protanomaly

144.7750, 13.7550, -1.4850

Deuteranomaly

145.4770, 20.5860, 1.3700

Tritanomaly

146.6820, 18.7510, 7.0950

Monochromacy



Original Color

145.7760, 21.1820, 1.5820

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.7190, 8.1610, 0.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.7760, 21.1820, 1.5820 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(167, 139, 125)` looks like.

```
.text, #text, p{  
    color:rgb(167, 139, 125)  
}
```

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(167, 139, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 139, 125) }
```

Border

The CSS property to change the border of an element to YIQ 145.7760, 21.1820, 1.5820 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(167, 139, 125) }
```


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

```
.border{ border-color:rgb(167, 139, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 139, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 139, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 139, 125);  
box-shadow:4px 4px 4px 4px rgb(167, 139,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 145.7760, 21.1820, 1.5820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 139, 125) }
```

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

```
.background{ background-color: rgb(167,  
139, 125) }
```

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