

Converting Colors

YIQ(146.7760, 21.1820, 1.5820)

Have a look what the booklet for
YIQ(146.7760, 21.1820, 1.5820)
contains.

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Color

**YIQ(146.7760, 21.1820,
1.5820)**

Conversions

Conversions Part 1

Format	Color
Hex	A88C7E
RGB	168, 140, 126
RGB Percent	66%, 55%, 49%
CMY	0.3411, 0.4510, 0.5058
CMYK	0.00, 0.17, 0.25, 0.34
HSL	20°, 19%, 58%
HSV	20°, 25%, 66%
XYZ	29.2954, 28.5862, 23.7205
YIQ	146.7760, 21.1820, 1.5820

Conversions

Conversions Part 2

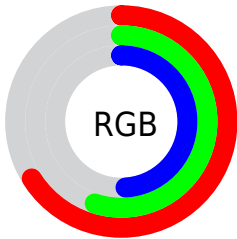
Format	Color
R_{YB}	168, 147, 126
Decimal	11046014
CIE _{Lab}	60.41, 8.37, 11.41
CIE _{LCh}	60, 14.150, 53.722
Yxy	28.5862, 0.3590, 0.3503
Android (android.graphics.Color)	4289236094 (0xFFA88C7E)
YUV	146.7760, -10.2426, 18.6134
Hunter-Lab	53.4660, 4.2392, 11.1219

Details

The YIQ color **146.7760, 21.1820, 1.5820** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **147.2240, -21.1820, -1.5820**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.2600, 22.6950, 1.6950**, and **95.9930, 19.0730, 1.2570** is the 20% darker color. If you saturate the color by 10%, you get **138.3810, 29.6640, 2.0480**, and if you desaturate by 10%, it is **155.1710, 12.7000, 1.1160**.

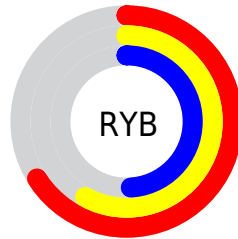
Distribution



Red (66%)

Green (55%)

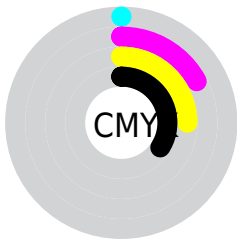
Blue (49%)



Red (66%)

Yellow (58%)

Blue (49%)

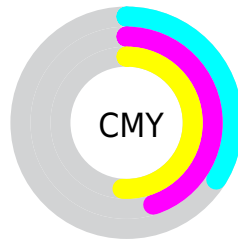


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (34%)



Cyan (34%)

Magenta (45%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.7760, 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 146.7760, 21.1820, 1.5820 by changing the saturation by 10% instead.

■ 146.7760, 21.1820,
1.5820

■ 146.7760, 21.1820,
1.5820

255.0000, -0.0000,
-0.0000

■ 120.5910, 20.2650,
1.6810

■ 201.2600, 22.6950,
1.6950

■ 95.9930, 19.0730,
1.2570

■ 228.8580, 23.8870,
2.1190

■ 71.8080, 18.1560,
1.3560

■ 249.6710, 8.1160,
-3.9160

■ 49.3240, 16.6430,
1.2430

■ 28.1990, 15.4970,
-0.0150

■ 6.2790, 12.5160,
4.4520

■ 0.0000, 0.0000,

0.0000

■ 146.7760, 21.1820,
1.5820

■ 146.7760, 21.1820,
1.5820

■ 138.3810, 29.6640,
2.0480

■ 155.1710, 12.7000,
1.1160

■ 129.9860, 38.1460,
2.5140

■ 163.5660, 4.2180,
0.6500

■ 121.1180, 46.5820,
3.8140

■ 172.4340, -4.2180,
-0.6500

■ 112.7230, 55.0640,
4.2800

■ 180.8290,
-12.7000, -1.1160

■ 104.3280, 63.5460,
4.7460

■ 189.2240,
-21.1820, -1.5820

■ 95.9330, 72.0280,
5.2120

■ 197.6190,
-29.6640, -2.0480

■ 87.5380, 80.5100,
5.6780

■ 206.0140,
-38.1460, -2.5140

■ 83.1040, 84.7280,
6.3280

■ 214.3120,
-44.9770, -5.3690

■ 220.7690,
-48.0020, -11.1220

Harmonies

Analogous

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



147.3510, 21.1810, 7.1090



146.7760, 21.1820, 1.5820



145.5640, 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.



146.7760, 21.1820, 1.5820



141.5800, -16.7330, -10.6290



146.4480, -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.



146.7760, 21.1820, 1.5820



147.2240, -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.



144.8270, -18.3860, 2.8140



146.7760, 21.1820, 1.5820



141.2680, -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.



146.7760, 21.1820, 1.5820



142.7400, -5.5000, -10.4600



142.4300, -24.7580, -2.8540



147.4880, 4.8580, 11.0820

Rectangle

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



146.7760, 21.1820, 1.5820



144.9330, 10.1340, -7.4500



142.4300, -24.7580, -2.8540



146.0560, -11.6010, 6.5030

Sweetspot

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



146.7760, 21.1820, 1.5820



211.4200, 7.5650, 0.5650



141.8640, 15.7230, 17.9230



105.4520, 4.5390, 0.3390



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.



146.7760, 21.1820, 1.5820



185.7620, 32.9650, 2.7970



158.5160, 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.



147.2240, -21.1820, -1.5820



186.6510, -32.6900, -2.2740



135.4840, -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 146.7760, 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 146.7760, 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 146.7760, 21.1820, 1.5820

Background



This preview shows how black text looks on a background with the YIQ color 146.7760, 21.1820, 1.5820.



This preview shows how white text looks on a background with the YIQ color 146.7760, 21.1820,

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

146.7760, 21.1820, 1.5820

Protanopia

145.2690, 9.3080, -3.4920

Deuteranopia

146.4770, 20.5860, 1.3700



Tritanopia

148.3060, 17.0540, 10.3180

Trichromacy



Original Color

146.7760, 21.1820, 1.5820

Protanomaly

145.7750, 13.7550, -1.4850

Deuteranomaly

146.4770, 20.5860, 1.3700

Tritanomaly

147.6820, 18.7510, 7.0950

Monochromacy



Original Color

146.7760, 21.1820, 1.5820

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.7190, 8.1610, 0.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.7760, 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(168, 140, 126)` looks like.

```
.text, #text, p{  
    color:rgb(168, 140, 126)  
}
```

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(168, 140, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 140, 126) }
```

Border

The CSS property to change the border of an element to YIQ 146.7760, 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(168, 140, 126) }
```


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

```
.border{ border-color:rgb(168, 140, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 140, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 140, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 140, 126);  
box-shadow:4px 4px 4px 4px rgb(168, 140,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 146.7760, 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(168, 140, 126) }
```

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

```
.background{ background-color: rgb(168,  
140, 126) }
```

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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