

Converting Colors

YIQ(110.5000, 21.7790, -3.7330)

Have a look what the booklet for
YIQ(110.5000, 21.7790, -3.7330)
contains.

YIQ(110.5000, 21.7790, -3.7330)	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(110.5000, 21.7790,
-3.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	816B50
RGB	129, 107, 80
RGB Percent	51%, 42%, 31%
CMY	0.4941, 0.5804, 0.6862
CMYK	0.00, 0.17, 0.38, 0.49
HSL	33°, 23%, 41%
HSV	33°, 38%, 51%
XYZ	15.7603, 15.7609, 9.8062
YIQ	110.5000, 21.7790, -3.7330

Conversions

Conversions Part 2

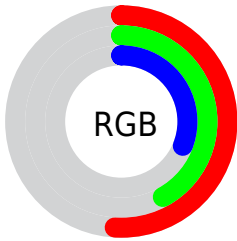
Format	Color
R_YB	120, 129, 80
Decimal	8481616
CIE _{Lab}	46.66, 4.61, 18.38
CIE _{LCh}	47, 18.953, 75.926
Yxy	15.7609, 0.3814, 0.3814
Android (android.graphics.Color)	4286671696 (0xFF816B50)
YUV	110.5000, -15.0365, 16.2245
Hunter-Lab	39.7000, 1.3871, 13.1449

Details

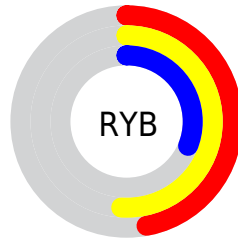
The YIQ color **110.5000, 21.7790, -3.7330** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **98.5000, -21.7790, 3.7330**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.1690, 24.2090, -3.7190**, and **62.5320, 18.7530, -3.9590** is the 20% darker color. If you saturate the color by 10%, you get **105.4960, 27.6020, -4.6380**, and if you desaturate by 10%, it is **115.5040, 15.9560, -2.8280**.

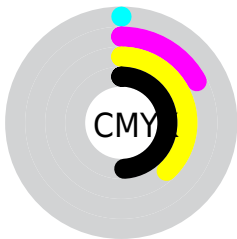
Distribution



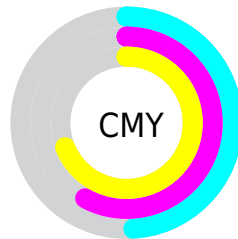
- Red (51%)
- Green (42%)
- Blue (31%)



- Red (47%)
- Yellow (51%)
- Blue (31%)



- Cyan (0%)
- Magenta (17%)
- Yellow (38%)
- Black (49%)



- Cyan (49%)
- Magenta (58%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.5000, 21.7790, -3.7330 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 110.5000, 21.7790, -3.7330 by changing the saturation by 10% instead.

■ 110.5000, 21.7790,
-3.7330

■ 110.5000, 21.7790,
-3.7330

■ 255.0000, -0.0000,
-0.0000

■ 86.0160, 20.2660,
-3.8460

■ 162.1690, 24.2090,
-3.7190

■ 62.5320, 18.7530,
-3.9590

■ 189.4680, 24.8050,
-3.5070

■ 40.3470, 17.8360,
-3.8600

■ 217.2400, 25.4470,
-4.1290

■ 20.4330, 14.7180,
-2.4180

■ 241.6520, 18.2950,
-6.6730

■ 0.0000, 0.0000,
0.0000

■ 253.0620, 5.4570,
-5.2870

■ 110.5000, 21.7790,
-3.7330

■ 110.5000, 21.7790,
-3.7330

■ 105.4960, 27.6020,
-4.6380

■ 115.5040, 15.9560,
-2.8280

■ 100.4920, 33.4250,
-5.5430

■ 120.5080, 10.1330,
-1.9230

■ 96.0750, 38.9730,
-6.9710

■ 124.9250, 4.5850,
-0.4950

■ 91.0710, 44.7960,
-7.8760

■ 129.9290, -1.2380,
0.4100

■ 86.1810, 50.2980,
-8.4700

■ 134.9330, -7.0610,
1.3150

■ 81.1770, 56.1210,
-9.3750

■ 139.8230,
-12.5630, 1.9090

■ 80.2480, 57.3590,
-9.7850

■ 144.8270,
-18.3860, 2.8140

■ 149.2440,

-23.9340, 4.2420

■ 154.2480,
-29.7570, 5.1470

Harmonies

Analogous

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



111.7660, 27.1420, 3.7020



110.5000, 21.7790, -3.7330



108.6510, 10.8680, -9.7400

Triad

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



110.5000, 21.7790, -3.7330



103.4410, -32.4590, -11.9710



112.9870, 2.0150, 13.0470

Complementary

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



110.5000, 21.7790, -3.7330



98.5000, -21.7790, 3.7330

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.



110.8540, -13.8480, 8.6800



110.5000, 21.7790, -3.7330



103.8630, -36.4030, -6.5710

Square

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



110.5000, 21.7790, -3.7330



104.8030, -18.9790, -13.9790



107.2110, -28.3350, 1.4010



113.5280, 16.5490, 13.9650

Rectangle

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



110.5000, 21.7790, -3.7330



107.6930, 1.8820, -12.0860



107.2110, -28.3350, 1.4010



112.1220, -2.7990, 12.1850

Sweetspot

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



110.5000, 21.7790, -3.7330



161.2520, 7.9780, -1.4140



97.1590, 22.1420, 17.2300



79.8110, 4.9060, -0.8060



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



110.5000, 21.7790, -3.7330



139.2640, 34.0670, -6.1650



122.8160, 14.5370, -15.6630



61.4410, 3.0720, -0.6080



79.3620, 57.0380, -9.4740



0.0000, 0.0000, 0.0000

Inverse Universe

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



98.5000, -21.7790, 3.7330



120.3230, -34.3420, 5.6420



86.1840, -14.5370, 15.6630



59.5590, -3.0720, 0.6080



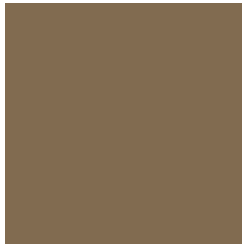
48.0510, -56.7630, 9.9970



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 110.5000, 21.7790, -3.7330 looks on a white 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

Black Background



This preview shows how the YIQ color 110.5000, 21.7790, -3.7330 looks on a black 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

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

YIQ 110.5000, 21.7790, -3.7330

Background



This preview shows how black text looks on a background with the YIQ color 110.5000, 21.7790, -3.7330.



This preview shows how white text looks on a background with the YIQ color 110.5000, 21.7790,

-3.7330.

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

110.5000, 21.7790, -3.7330

Protanopia

110.0860, 14.0770, -7.3230

Deuteranopia

110.5110, 23.2460, -2.7860



Tritanopia

112.5830, 14.7160, 8.6360

Trichromacy



Original Color

110.5000, 21.7790, -3.7330

Protanomaly

110.5810, 17.0570, -6.2630

Deuteranomaly

110.2120, 22.6500, -2.9980

Tritanomaly

111.6170, 17.3760, 4.4800

Monochromacy



Original Color

110.5000, 21.7790, -3.7330

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.2520, 7.9780, -1.4140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.5000, 21.7790, -3.7330 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(129, 107, 80)` looks like.

```
.text, #text, p{  
    color:rgb(129, 107, 80)  
}
```

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(129, 107, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 107, 80) }
```

Border

The CSS property to change the border of an element to YIQ 110.5000, 21.7790, -3.7330 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(129, 107, 80) }
```


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

```
.border{ border-color:rgb(129, 107, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 107, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 107, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 107, 80);  
box-shadow:4px 4px 4px 4px rgb(129, 107,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 110.5000, 21.7790, -3.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 107, 80) }
```

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

```
.background{ background-color: rgb(129,  
107, 80) }
```

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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