

Converting Colors

YIQ(105.9810, 10.1790, -2.7570)

Have a look what the booklet for
YIQ(105.9810, 10.1790, -2.7570)
contains.

YIQ(105.9810, 10.1790, -2.7570)	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(105.9810, 10.1790,
-2.7570)**

Conversions

Conversions Part 1

Format	Color
Hex	72695A
RGB	114, 105, 90
RGB Percent	45%, 41%, 35%
CMY	0.5529, 0.5882, 0.6470
CMYK	0.00, 0.08, 0.21, 0.55
HSL	37°, 12%, 40%
HSV	37°, 21%, 45%
XYZ	13.8370, 14.4184, 11.7296
YIQ	105.9810, 10.1790, -2.7570

Conversions

Conversions Part 2

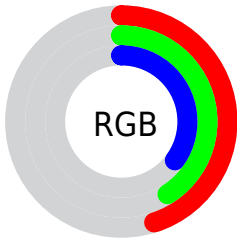
Format	Color
R_{YB}	104, 114, 90
Decimal	7498074
CIE _{Lab}	44.83, 0.84, 9.71
CIE _{LCh}	45, 9.747, 85.032
Yxy	14.4184, 0.3461, 0.3606
Android (android.graphics.Color)	4285688154 (0xFF72695A)
YUV	105.9810, -7.8786, 7.0327
Hunter-Lab	37.9716, -1.4039, 8.2652

Details

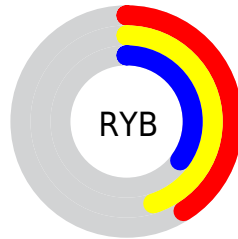
The YIQ color **105.9810, 10.1790, -2.7570** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **98.0190, -10.1790, 2.7570**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **157.1660, 11.0960, -2.8560**, and **58.7960, 9.2620, -2.6580** is the 20% darker color. If you saturate the color by 10%, you get **102.3790, 14.8100, -4.0860**, and if you desaturate by 10%, it is **109.5830, 5.5480, -1.4280**.

Distribution



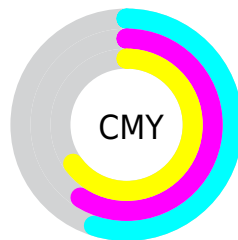
- Red (45%)
- Green (41%)
- Blue (35%)



- Red (41%)
- Yellow (45%)
- Blue (35%)



- Cyan (0%)
- Magenta (8%)
- Yellow (21%)
- Black (55%)



- Cyan (55%)
- Magenta (59%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.9810, 10.1790, -2.7570 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 105.9810, 10.1790, -2.7570 by changing the saturation by 10% instead.

■ 105.9810, 10.1790,
-2.7570

■ 105.9810, 10.1790,
-2.7570

■ 255.0000, -0.0000,
-0.0000

■ 81.7960, 9.2620,
-2.6580

■ 157.1660, 11.0960,
-2.8560

■ 58.7960, 9.2620,
-2.6580

■ 184.0520, 11.4170,
-3.1670

■ 36.7250, 8.0240,
-2.2480

■ 212.0520, 11.4170,
-3.1670

■ 15.9810, 10.1790,
-2.7570

■ 240.3510, 12.0130,
-2.9550

■ 0.0000, 0.0000,
0.0000

■ 254.4300, 1.6050,
-1.5550

■ 105.9810, 10.1790,
-2.7570

■ 105.9810, 10.1790,
-2.7570

■ 102.3790, 14.8100,
-4.0860

■ 109.5830, 5.5480,
-1.4280

■ 98.0760, 20.0370,
-5.2030

■ 113.8860, 0.3210,
-0.3110

■ 94.4740, 24.6680,
-6.5320

■ 117.4880, -4.3100,
1.0180

■ 90.7580, 29.6200,
-8.1720

■ 121.2040, -9.2620,
2.6580

■ 87.1560, 34.2510,
-9.5010

■ 124.8060,
-13.8930, 3.9870

■ 82.9670, 39.1570,
-10.3070

■ 128.9950,
-18.7990, 4.7930

■ 79.2510, 44.1090,
-11.9470

■ 132.7110,
-23.7510, 6.4330

■ 75.7630, 48.4190,

■ 136.3130,

-12.9650

-28.3820, 7.7620

■ 140.6160,
-33.6090, 8.8790

Harmonies

Analogous

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



106.6550, 14.2130, 1.2290



105.9810, 10.1790, -2.7570



105.1650, 3.6690, -5.9230

Triad

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



105.9810, 10.1790, -2.7570



103.4540, -16.1380, -4.8900



107.3690, 3.5750, 6.7990

Complementary

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



105.9810, 10.1790, -2.7570



98.0190, -10.1790, 2.7570

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.



106.5360, -4.2650, 5.7110



105.9810, 10.1790, -2.7570



103.8610, -15.7260, -1.3420

Square

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



105.9810, 10.1790, -2.7570



103.3250, -11.4610, -7.0530



105.4210, -11.3710, 2.3330



108.0770, 10.2690, 6.6290

Rectangle

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



105.9810, 10.1790, -2.7570



104.3000, -1.1450, -6.7850



105.4210, -11.3710, 2.3330



107.7000, 1.1450, 6.7850

Sweetspot

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



105.9810, 10.1790, -2.7570



145.2130, 3.7140, -1.2300



98.2020, 11.4150, 7.8870



72.2560, 2.1550, -0.5090



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



105.9810, 10.1790, -2.7570



135.5640, 15.7270, -4.1850



110.3670, 5.9160, -8.1000



54.1420, 2.4760, -0.8200



79.9050, 50.8950, -13.7850



164.8380, 104.5870, -28.7010

Inverse Universe

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



98.0190, -10.1790, 2.7570



123.4360, -15.7270, 4.1850



93.6330, -5.9160, 8.1000



52.4450, -2.7510, 0.2970



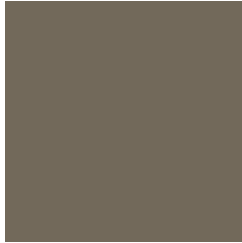
40.0950, -50.8950, 13.7850



82.7490, -104.8620, 28.1780

Previews

White Background



This preview shows how the YIQ color 105.9810, 10.1790, -2.7570 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 105.9810, 10.1790, -2.7570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

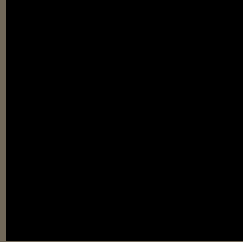
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 105.9810, 10.1790, -2.7570

Background



This preview shows how black text looks on a background with the YIQ color 105.9810, 10.1790, -2.7570.



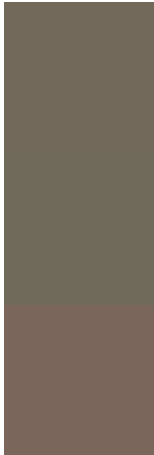
This preview shows how white text looks on a background with the YIQ color 105.9810, 10.1790,

-2.7570.

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

105.9810, 10.1790, -2.7570

Protanopia

105.9700, 8.7120, -3.7040

Deuteranopia

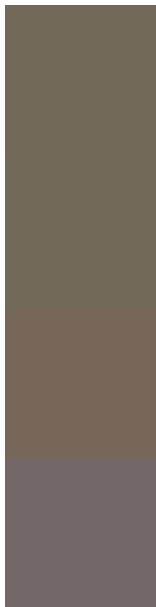
106.7260, 15.4510, 0.8190



Tritanopia

107.3970, 6.3720, 5.6680

Trichromacy



Original Color

105.9810, 10.1790, -2.7570

Protanomaly

106.2690, 9.3080, -3.4920

Deuteranomaly

106.4160, 13.3880, -0.3400

Tritanomaly

106.8870, 7.7480, 2.7560

Monochromacy



Original Color

105.9810, 10.1790, -2.7570

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

106.2130, 3.7140, -1.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.9810, 10.1790, -2.7570 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(114, 105, 90)` looks like.

```
.text, #text, p{  
    color:rgb(114, 105, 90)  
}
```

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(114, 105, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 105, 90) }
```

Border

The CSS property to change the border of an element to YIQ 105.9810, 10.1790, -2.7570 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(114, 105, 90) }
```


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

```
.border{ border-color:rgb(114, 105, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 105, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 105, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 105, 90);  
box-shadow:4px 4px 4px 4px rgb(114, 105,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 105.9810, 10.1790, -2.7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 105, 90) }
```

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

```
.background{ background-color: rgb(114,  
105, 90) }
```

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