

Converting Colors

YIQ(21.4690, 5.8690, -1.7390)

Have a look what the booklet for
YIQ(21.4690, 5.8690, -1.7390)
contains.

YIQ(21.4690, 5.8690, -1.7390)	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(21.4690, 5.8690,
-1.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	1A150C
RGB	26, 21, 12
RGB Percent	10%, 8%, 5%
CMY	0.8980, 0.9177, 0.9529
CMYK	0.00, 0.19, 0.54, 0.90
HSL	39°, 37%, 7%
HSV	39°, 54%, 10%
XYZ	0.7606, 0.7824, 0.4590
YIQ	21.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

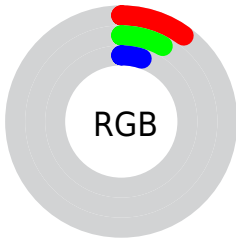
Format	Color
RYB	20, 26, 12
Decimal	1709324
CIELab	7.07, 0.69, 5.62
CIELCh	7, 5.663, 82.985
Yxy	0.7824, 0.3799, 0.3908
Android (android.graphics.Color)	4279899404 (0xFF1A150C)
YUV	21.4690, -4.6682, 3.9737
Hunter-Lab	8.8456, -0.1318, 3.1153

Details

The YIQ color **21.4690, 5.8690, -1.7390** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **16.5310, -5.8690, 1.7390**, and the grayscale version is **22.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **63.8820, 6.1440, -1.2160**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.5400, 7.1070, -2.1490**, and if you desaturate by 10%, it is **22.3980, 4.6310, -1.3290**.

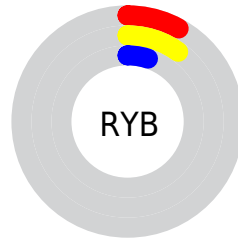
Distribution



Red (10%)

Green (8%)

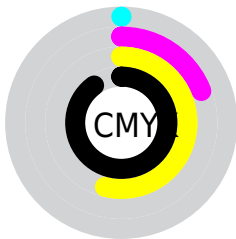
Blue (5%)



Red (8%)

Yellow (10%)

Blue (5%)

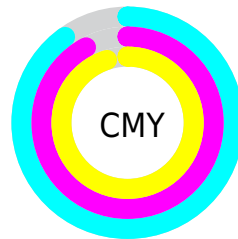


Cyan (0%)

Magenta (19%)

Yellow (54%)

Black (90%)



Cyan (90%)

Magenta (92%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 21.4690, 5.8690, -1.7390 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 21.4690, 5.8690, -1.7390 by changing the saturation by 10% instead.

■ 21.4690, 5.8690,
-1.7390

■ 21.4690, 5.8690,
-1.7390

■ 246.9530, 7.3820,
-1.6260

■ 0.0000, 0.0000,
0.0000

■ 63.8820, 6.1440,
-1.2160

■ 87.4690, 5.8690,
-1.7390

■ 111.7680, 6.4650,
-1.5270

■ 136.7680, 6.4650,
-1.5270

■ 163.0670, 7.0610,
-1.3150

■ 190.0670, 7.0610,

-1.3150

■ 217.9530, 7.3820,
-1.6260

■ 21.4690, 5.8690,
-1.7390

■ 21.4690, 5.8690,
-1.7390

■ 20.5400, 7.1070,
-2.1490

■ 22.3980, 4.6310,
-1.3290

■ 19.7250, 8.0240,
-2.2480

■ 23.2130, 3.7140,
-1.2300

■ 18.7960, 9.2620,
-2.6580

■ 24.1420, 2.4760,
-0.8200

■ 17.9810, 10.1790,
-2.7570

■ 24.9570, 1.5590,
-0.7210

■ 17.7530, 10.8210,
-3.3790

■ 25.8860, 0.3210,
-0.3110

■ 26.8150, -0.9170,
0.0990

■ 27.6300, -1.8340,
0.1980

■ 27.9720, -2.7970,
1.1310

■ 28.7870, -3.7140,
1.2300

Harmonies

Analogous

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



22.0070, 7.2900, 0.0420



21.4690, 5.8690, -1.7390



20.9740, 2.8890, -2.7990

Triad

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



21.4690, 5.8690, -1.7390



19.8140, -8.3440, -2.9680



22.4780, 1.6500, 3.1380

Complementary

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



21.4690, 5.8690, -1.7390



16.5310, -5.8690, 1.7390

Split Complementary

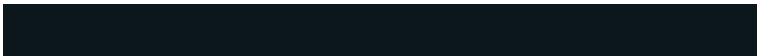
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



21.7980, -2.2470, 2.1770



21.4690, 5.8690, -1.7390



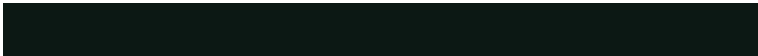
19.8680, -8.4360, -1.3000

Square

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



21.4690, 5.8690, -1.7390



19.9560, -5.8680, -3.7880



21.0040, -5.8230, 0.9050



22.4460, 4.6760, 3.3640

Rectangle

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



21.4690, 5.8690, -1.7390



20.5930, -0.4120, -3.5480



21.0040, -5.8230, 0.9050



21.9940, 0.1370, 3.0250

Sweetspot

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



21.4690, 5.8690, -1.7390



31.2560, 2.1550, -0.5090



16.7560, 6.7390, 4.5230



16.9570, 1.5590, -0.7210



145.0000, 0.0000, -0.0000



18.0000, -0.0000, 0.0000

Same Dimension

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



21.4690, 5.8690, -1.7390



25.9100, 8.9410, -2.3470



23.8060, 3.3020, -4.7780



12.1850, 0.9170, -0.0990



51.7860, 32.4170, -9.3030



137.8930, 85.5590, -25.2650

Inverse Universe

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



16.5310, -5.8690, 1.7390



18.5030, -8.6660, 2.8700



14.1940, -3.3020, 4.7780



11.8150, -0.9170, 0.0990



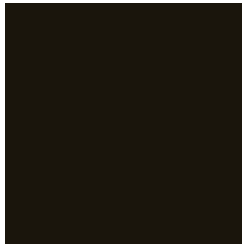
24.6270, -32.1420, 9.8260



66.1070, -85.5590, 25.2650

Previews

White Background



This preview shows how the YIQ color 21.4690, 5.8690, -1.7390 looks on a white background.

Color Contrast Check

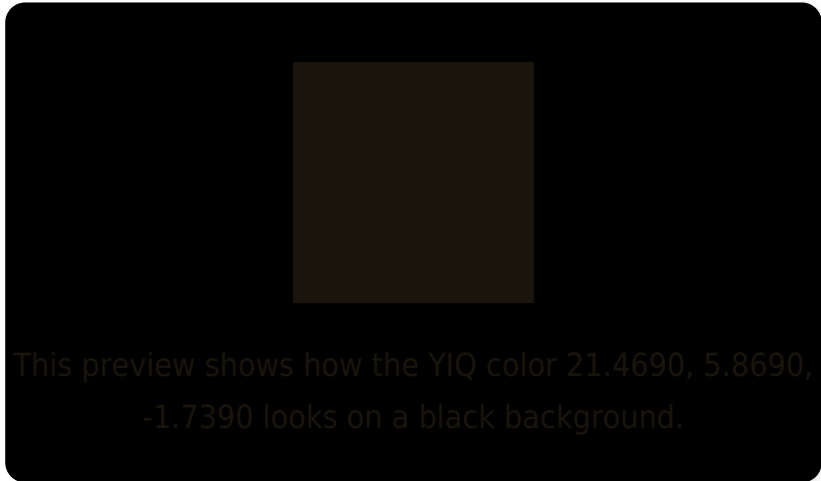
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

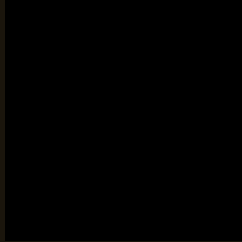
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 21.4690, 5.8690, -1.7390

Background



This preview shows how black text looks on a background with the YIQ color 21.4690, 5.8690, -1.7390.



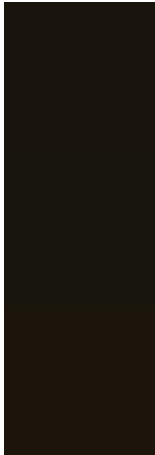
This preview shows how white text looks on a background with the YIQ color 21.4690, 5.8690,

-1.7390.

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

21.4690, 5.8690, -1.7390

Protanopia

21.4580, 4.4020, -2.6860

Deuteranopia

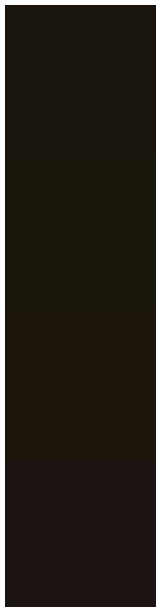
21.7680, 6.4650, -1.5270



Tritanopia

22.2070, 3.8510, 1.7950

Trichromacy



Original Color

21.4690, 5.8690, -1.7390

Protanomaly

21.7570, 4.9980, -2.4740

Deuteranomaly

21.7680, 6.4650, -1.5270

Tritanomaly

21.8650, 4.8140, 0.8620

Monochromacy



Original Color

21.4690, 5.8690, -1.7390

Achromatopsia

21.0000, -0.0000, -0.0000

Achromatomaly

21.2560, 2.1550, -0.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 21.4690, 5.8690, -1.7390 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(26, 21, 12)` looks like.

```
.text, #text, p{  
    color:rgb(26, 21, 12)  
}
```

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(26, 21, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 21, 12) }
```

Border

The CSS property to change the border of an element to YIQ 21.4690, 5.8690, -1.7390 is called "border". The border property can be set on classes, ids or directly on the HTML element.

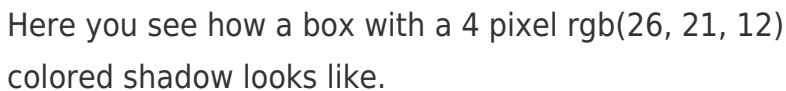
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(26, 21, 12) }
```


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

```
.border{ border-color:rgb(26, 21, 12) }
```

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



Here you see how a box with a 4 pixel `rgb(26, 21, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 21, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 21, 12);  
box-shadow:4px 4px 4px 4px rgb(26, 21, 12)  
}
```

Background

The CSS property to change the background color of an element to YIQ 21.4690, 5.8690, -1.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 21, 12) }
```

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

```
.background{ background-color: rgb(26, 21,  
12) }
```

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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