

Converting Colors

YUV(43.7810, -7.7800, 22.1171)

Have a look what the booklet for
YUV(43.7810, -7.7800, 22.1171)
contains.

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Color

**YUV(43.7810, -7.7800,
22.1171)**

Conversions

Conversions Part 1

Format	Color
Hex	45221C
RGB	69, 34, 28
RGB Percent	27%, 13%, 11%
CMY	0.7294, 0.8667, 0.8902
CMYK	0.00, 0.51, 0.59, 0.73
HSL	9°, 42%, 19%
HSV	9°, 59%, 27%
XYZ	3.2359, 2.4931, 1.4093
YIQ	43.7810, 22.7860, 5.5540

Conversions

Conversions Part 2

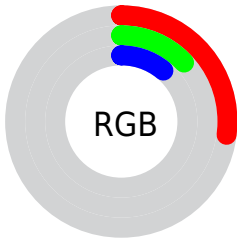
Format	Color
R_{YB}	69, 35, 28
Decimal	4530716
CIE _{Lab}	17.89, 15.99, 11.47
CIE _{LCh}	18, 19.674, 35.657
Yxy	2.4931, 0.4533, 0.3493
Android (android.graphics.Color)	4282720796 (0xFF45221C)
YUV	43.7810, -7.7800, 22.1171
Hunter-Lab	15.7896, 8.9496, 5.7608

Details

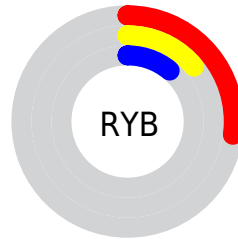
The YUV color **43.7810, -7.7800, 22.1171** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **53.2190, 7.7800, -22.1171**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.3470, -9.5381, 26.0057**, and **5.0830, -2.5059, 10.4512** is the 20% darker color. If you saturate the color by 10%, you get **39.4610, -9.1013, 25.9057**, and if you desaturate by 10%, it is **48.1010, -6.4588, 18.3284**.

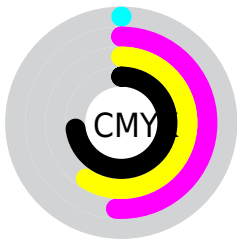
Distribution



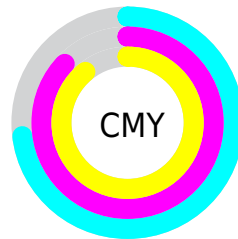
- Red (27%)
- Green (13%)
- Blue (11%)



- Red (27%)
- Yellow (14%)
- Blue (11%)



- Cyan (0%)
- Magenta (51%)
- Yellow (59%)
- Black (73%)



- Cyan (73%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.7810, -7.7800, 22.1171 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 YUV color 43.7810, -7.7800, 22.1171 by changing the saturation by 10% instead.

■ 43.7810, -7.7800,
22.1171

■ 43.7810, -7.7800,
22.1171

■ 255.0000, 0.0000,
0.0000

■ 21.6130, -9.6692,
21.3874

■ 90.3470, -9.5381,
26.0057

■ 5.0830, -2.5059,
10.4512

■ 114.9450, -9.8329,
27.2352

■ 0.0000, 0.0000,
0.0000

■ 141.1300,
-10.4171, 27.9500

■ 167.7280,
-10.7119, 29.1795

■ 195.2120,
-11.4435, 30.5091

■ 221.6140,

-11.1487, 29.2795

■ 241.8290, -7.3107,
11.5510

■ 43.7810, -7.7800,
22.1171

■ 43.7810, -7.7800,
22.1171

■ 39.4610, -9.1013,
25.9057

■ 48.1010, -6.4588,
18.3284

■ 35.1410, -10.4225,
29.6943

■ 52.4210, -5.1376,
14.5398

■ 30.8210, -11.7438,
33.4830

■ 56.7410, -3.8163,
10.7511

■ 26.5010, -13.0650,
37.2716

■ 61.0610, -2.4951,
6.9625

■ 64.7940, -0.8844,
3.6887

■ 69.0000, 0.0000,
0.0000

■ 73.3200, 1.3212,
-3.7886

■ 77.6400, 2.6425,
-7.5773

■ 81.9600, 3.9637,
-11.3659

Harmonies

Analogous

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



44.5020, -1.2335, 22.3617



43.7810, -7.7800, 22.1171



43.4830, -12.5631, 16.2394

Triad

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



43.7810, -7.7800, 22.1171



37.4830, -2.7031, -19.7176



41.2120, 15.1785, -15.0949

Complementary

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



43.7810, -7.7800, 22.1171



53.2190, 7.7800, -22.1171

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.



36.0420, 16.2483, -31.6088



43.7810, -7.7800, 22.1171



35.1810, 5.3338, -30.8537

Square

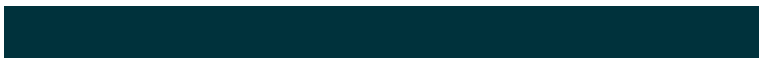
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.7810, -7.7800, 22.1171



40.9210, -10.3141, -5.1927



36.1900, 11.7383, -31.7386



44.8830, 10.9037, 2.7336

Rectangle

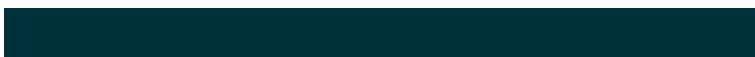
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.7810, -7.7800, 22.1171



42.3960, -13.9992, 10.1767



36.1900, 11.7383, -31.7386



39.0970, 16.2212, -22.8871

Sweetspot

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



43.7810, -7.7800, 22.1171



79.5450, -3.2267, 8.2920



44.3630, 9.6810, 21.6066



39.5770, -1.7635, 5.6330



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



43.7810, -7.7800, 22.1171



50.1200, -11.8912, 34.0978



55.5210, -13.5679, 11.8211



33.7830, -0.8790, 1.9443



38.4060, -18.9342, 53.1409



87.2440, -43.0113, 122.5660

Inverse Universe

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



53.2190, 7.7800, -22.1171



64.8800, 11.8912, -34.0978



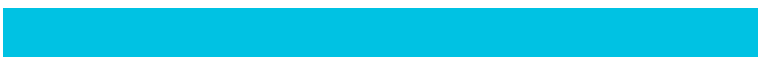
41.4790, 13.5679, -11.8211



34.2170, 0.8790, -1.9443



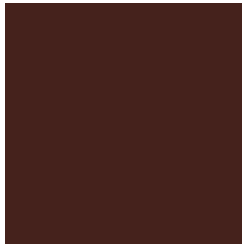
61.1810, 18.6448, -53.6557



139.7560, 43.0113, -122.5660

Previews

White Background



This preview shows how the YUV color 43.7810, -7.7800, 22.1171 looks on a white background.

Color Contrast Check

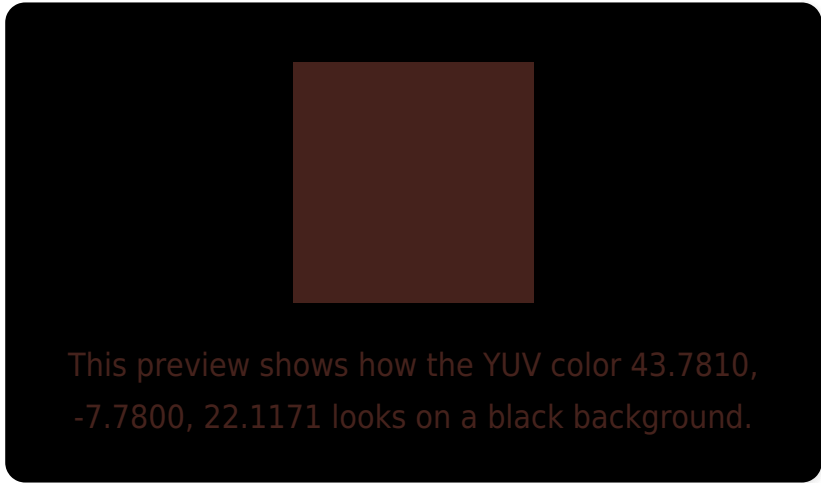
Large Text (above 18pt) WCAG AA ✓ Pass

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

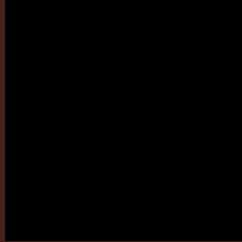
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.7810, -7.7800, 22.1171

Background



This preview shows how black text looks on a background with the YUV color 43.7810, -7.7800, 22.1171.

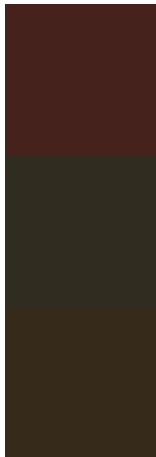


This preview shows how white text looks on a background with the YUV color 43.7810, -7.7800,

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

43.7810, -7.7800, 22.1171

Protanopia

43.8280, -5.8312, 3.6588

Deuteranopia

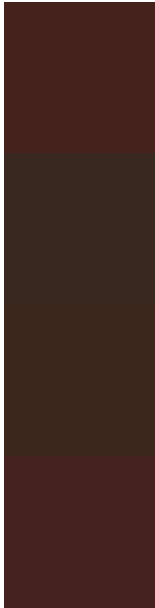
43.7640, -8.7577, 8.9770



Tritanopia

43.9920, -4.4331, 21.9320

Trichromacy



Original Color

43.7810, -7.7800, 22.1171

Protanomaly

43.7580, -6.2897, 10.7362

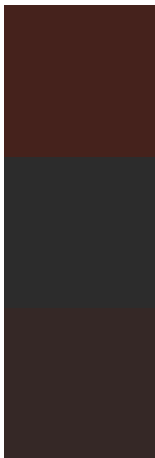
Deuteranomaly

43.6120, -8.1897, 13.4953

Tritanomaly

43.6500, -5.7434, 22.2320

Monochromacy



Original Color

43.7810, -7.7800, 22.1171

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.6590, -2.7899, 8.1921

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.7810, -7.7800, 22.1171 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(69, 34, 28)` looks like.

```
.text, #text, p{  
    color:rgb(69, 34, 28)  
}
```

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(69, 34, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 34, 28) }
```

Border

The CSS property to change the border of an element to YUV 43.7810, -7.7800, 22.1171 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(69, 34, 28) }
```


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

```
.border{ border-color:rgb(69, 34, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 34, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 34, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 34, 28);  
box-shadow:4px 4px 4px 4px rgb(69, 34, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.7810, -7.7800, 22.1171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 34, 28) }
```

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

```
.background{ background-color: rgb(69, 34,  
28) }
```

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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