

Converting Colors

YUV(44.2690, -4.5696, 19.0581)

Have a look what the booklet for
YUV(44.2690, -4.5696, 19.0581)
contains.

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Color

**YUV(44.2690, -4.5696,
19.0581)**

Conversions

Conversions Part 1

Format	Color
Hex	422323
RGB	66, 35, 35
RGB Percent	26%, 14%, 14%
CMY	0.7412, 0.8627, 0.8627
CMYK	0.00, 0.47, 0.47, 0.74
HSL	0°, 31%, 20%
HSV	0°, 47%, 26%
XYZ	3.1512, 2.4817, 1.9030
YIQ	44.2690, 18.4760, 6.5720

Conversions

Conversions Part 2

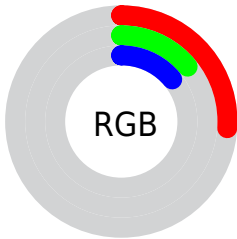
Format	Color
R_{YB}	66, 35, 35
Decimal	4334371
CIE Lab	17.84, 14.78, 6.43
CIE LCh	18, 16.122, 23.520
Yxy	2.4817, 0.4182, 0.3293
Android (android.graphics.Color)	4282524451 (0xFF422323)
YUV	44.2690, -4.5696, 19.0581
Hunter-Lab	15.7533, 8.1375, 3.8649

Details

The YUV color **44.2690, -4.5696, 19.0581** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **56.7310, 4.5696, -19.0581**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.6500, -5.7434, 22.2320**, and **4.1860, -2.0637, 8.6069** is the 20% darker color. If you saturate the color by 10%, you get **39.3620, -5.6015, 23.3615**, and if you desaturate by 10%, it is **49.1760, -3.5378, 14.7546**.

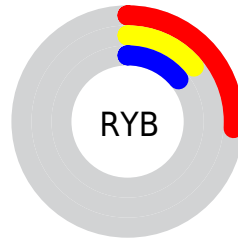
Distribution



Red (26%)

Green (14%)

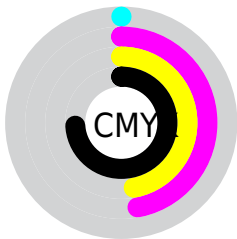
Blue (14%)



Red (26%)

Yellow (14%)

Blue (14%)

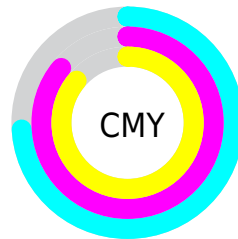


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (74%)



Cyan (74%)

Magenta (86%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.2690, -4.5696, 19.0581 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 44.2690, -4.5696, 19.0581 by changing the saturation by 10% instead.

■ 44.2690, -4.5696,
19.0581

■ 44.2690, -4.5696,
19.0581

■ 255.0000, 0.0000,
0.0000

■ 22.5570, -4.7116,
17.9285

■ 90.6500, -5.7434,
22.2320

■ 4.1860, -2.0637,
8.6069

■ 115.2480, -6.0383,
23.4615

■ 0.0000, 0.0000,
0.0000

■ 141.1340, -6.4751,
23.5615

■ 167.7320, -6.7699,
24.7910

■ 195.0310, -6.9173,
25.4058

■ 222.7430, -6.7753,

26.5354

■ 243.5560, -3.2321,
10.0364

■ 44.2690, -4.5696,
19.0581

■ 44.2690, -4.5696,
19.0581

■ 39.3620, -5.6015,
23.3615

■ 49.1760, -3.5378,
14.7546

■ 35.1560, -6.4859,
27.0502

■ 53.3820, -2.6533,
11.0660

■ 30.2490, -7.5178,
31.3536

■ 58.2890, -1.6215,
6.7625

■ 26.0430, -8.4022,
35.0423

■ 62.4950, -0.7370,
3.0739

■ 21.1360, -9.4340,
39.3457

■ 67.4020, 0.2948,
-1.2296

■ 19.7340, -9.7289,
40.5753

■ 72.3090, 1.3267,
-5.5330

■ 76.5150, 2.2111,
-9.2217

■ 81.4220, 3.2430,
-13.5251

■ 85.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



45.0390, 0.9668, 16.6288



44.2690, -4.5696, 19.0581



43.6940, -9.2161, 16.0544

Triad

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



44.2690, -4.5696, 19.0581



39.8540, -5.3510, -10.3960



40.9190, 12.8579, -17.4690

Complementary

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



44.2690, -4.5696, 19.0581



56.7310, 4.5696, -19.0581

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.



35.2440, 13.1907, -30.9090



44.2690, -4.5696, 19.0581



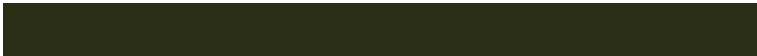
37.6120, 1.6703, -22.4617

Square

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



44.2690, -4.5696, 19.0581



42.0680, -9.8935, -0.0596



35.3920, 8.6807, -31.0388



44.3230, 10.1938, -2.9143

Rectangle

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



44.2690, -4.5696, 19.0581



43.5040, -11.0945, 11.8360



35.3920, 8.6807, -31.0388



39.0000, 13.3110, -22.8020

Sweetspot

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



44.2690, -4.5696, 19.0581



78.5880, -1.7689, 7.3773



47.8030, 8.9711, 15.9588



38.0930, -1.0318, 4.3034



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



44.2690, -4.5696, 19.0581



52.6510, -7.2229, 30.1241



53.6610, -9.1999, 10.8213



30.8970, -0.4422, 1.8443



29.0030, -14.2985, 59.6334



66.9760, -33.0192, 137.7100

Inverse Universe

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



56.7310, 4.5696, -19.0581



72.3490, 7.2229, -30.1241



47.9260, 8.9105, -11.3361



32.1030, 0.4422, -1.8443



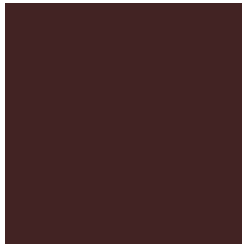
67.9970, 14.2985, -59.6334



157.0240, 33.0192, -137.7100

Previews

White Background



This preview shows how the YUV color 44.2690, -4.5696, 19.0581 looks on a white background.

Color Contrast Check

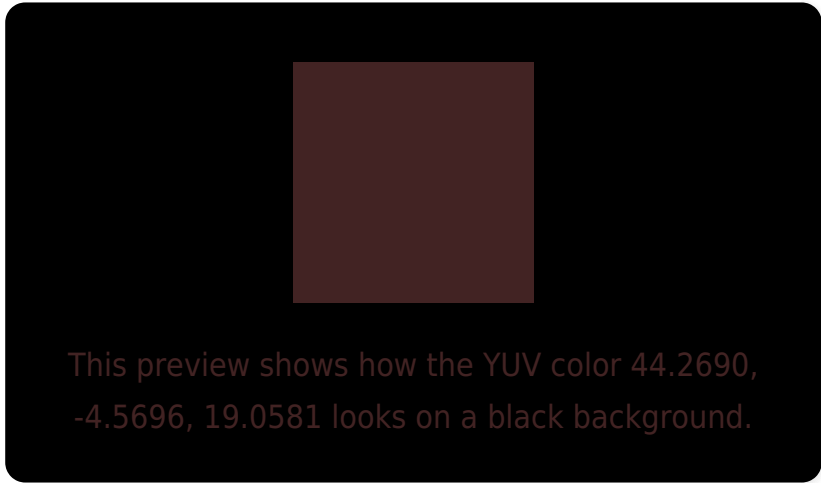
Large Text (above 18pt) WCAG AA ✓ Pass

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

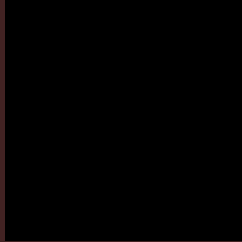
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.2690, -4.5696, 19.0581

Background



This preview shows how black text looks on a background with the YUV color 44.2690, -4.5696, 19.0581.

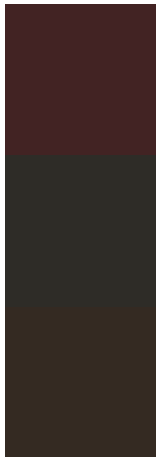


This preview shows how white text looks on a background with the YUV color 44.2690, -4.5696,

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

44.2690, -4.5696, 19.0581

Protanopia

44.0280, -2.4788, 1.7294

Deuteranopia

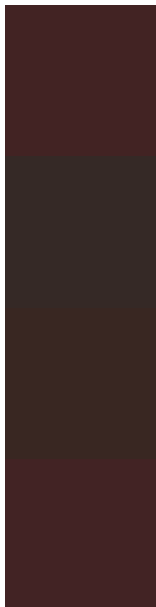
44.0780, -4.9685, 6.9476



Tritanopia

44.4970, -3.6960, 18.8581

Trichromacy



Original Color

44.2690, -4.5696, 19.0581

Protanomaly

44.2460, -3.0793, 7.6773

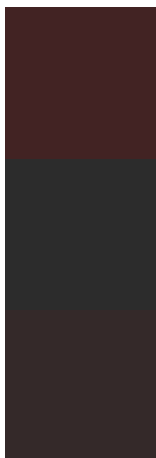
Deuteranomaly

43.8120, -4.8373, 11.5659

Tritanomaly

44.3830, -4.1328, 18.9581

Monochromacy



Original Color

44.2690, -4.5696, 19.0581

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.2890, -1.6215, 6.7625

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.2690, -4.5696, 19.0581 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(66, 35, 35)` looks like.

```
.text, #text, p{  
    color:rgb(66, 35, 35)  
}
```

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(66, 35, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 35, 35) }
```

Border

The CSS property to change the border of an element to YUV 44.2690, -4.5696, 19.0581 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(66, 35, 35) }
```


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

```
.border{ border-color:rgb(66, 35, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 35, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 35, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 35, 35);  
box-shadow:4px 4px 4px 4px rgb(66, 35, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.2690, -4.5696, 19.0581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 35, 35) }
```

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

```
.background{ background-color: rgb(66, 35,  
35) }
```

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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