

Converting Colors

YUV(55.2690, -4.5696, 19.0581)

Have a look what the booklet for
YUV(55.2690, -4.5696, 19.0581)
contains.

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Color

**YUV(55.2690, -4.5696,
19.0581)**

Conversions

Conversions Part 1

Format	Color
Hex	4D2E2E
RGB	77, 46, 46
RGB Percent	30%, 18%, 18%
CMY	0.6980, 0.8196, 0.8196
CMYK	0.00, 0.40, 0.40, 0.70
HSL	0°, 25%, 24%
HSV	0°, 40%, 30%
XYZ	4.5307, 3.7290, 3.0657
YIQ	55.2690, 18.4760, 6.5720

Conversions

Conversions Part 2

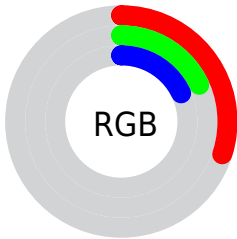
Format	Color
RYB	77, 46, 46
Decimal	5058094
CIELab	22.75, 14.25, 5.97
CIELCh	23, 15.448, 22.749
Yxy	3.7290, 0.4000, 0.3293
Android (android.graphics.Color)	4283248174 (0xFF4D2E2E)
YUV	55.2690, -4.5696, 19.0581
Hunter-Lab	19.3107, 8.0862, 4.1047

Details

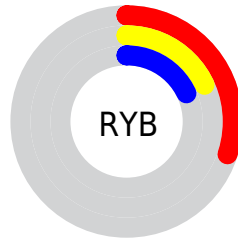
The YUV color **55.2690, -4.5696, 19.0581** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **67.7310, 4.5696, -19.0581**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.4650, -5.1592, 21.5172**, and **10.1660, -5.0118, 20.9024** is the 20% darker color. If you saturate the color by 10%, you get **49.6610, -5.7489, 23.9763**, and if you desaturate by 10%, it is **60.8770, -3.3904, 14.1399**.

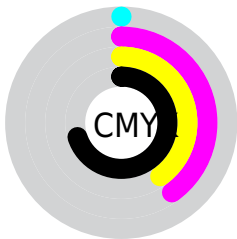
Distribution



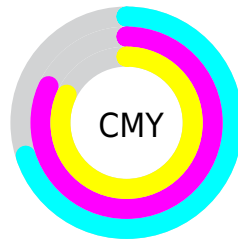
- Red (30%)
- Green (18%)
- Blue (18%)



- Red (30%)
- Yellow (18%)
- Blue (18%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (70%)



- Cyan (70%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.2690, -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 55.2690, -4.5696, 19.0581 by changing the saturation by 10% instead.

■ 55.2690, -4.5696,
19.0581

■ 55.2690, -4.5696,
19.0581

255.0000, 0.0000,
0.0000

■ 33.3720, -4.1274,
17.2138

■ 102.4650, -5.1592,
21.5172

■ 10.1660, -5.0118,
20.9024

■ 127.9490, -5.8909,
22.8467

■ 0.0000, 0.0000,
0.0000

■ 154.2480, -6.0383,
23.4615

■ 180.8460, -6.3331,
24.6911

■ 208.7320, -6.7699,
24.7910

■ 233.7420, -5.2958,

18.6433

253.4840, -0.7316,
1.3295

■ 55.2690, -4.5696,
19.0581

■ 55.2690, -4.5696,
19.0581

■ 49.6610, -5.7489,
23.9763

■ 60.8770, -3.3904,
14.1399

■ 44.7540, -6.7807,
28.2797

■ 65.7840, -2.3585,
9.8364

■ 39.1460, -7.9600,
33.1980

■ 71.3920, -1.1793,
4.9182

■ 33.5380, -9.1392,
38.1162

■ 77.0000, 0.0000,
0.0000

■ 28.6310, -10.1711,
42.4196

■ 82.6080, 1.1793,
-4.9182

■ 23.0230, -11.3503,
47.3378

■ 87.5150, 2.2111,
-9.2217

■ 93.1230, 3.3904,
-14.1399

■ 98.7310, 4.5696,
-19.0581

■ 103.6380, 5.6015,
-23.3615

Harmonies

Analogous

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



56.0390, 0.9668, 16.6288



55.2690, -4.5696, 19.0581



54.6940, -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.



55.2690, -4.5696, 19.0581



51.1530, -5.4984, -9.7812



51.8160, 12.4157, -15.6246

Complementary

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



55.2690, -4.5696, 19.0581



67.7310, 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.



47.9240, 11.8695, -27.1203



55.2690, -4.5696, 19.0581



48.8080, 1.0807, -20.0026

Square

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



55.2690, -4.5696, 19.0581



52.4810, -9.6041, 0.4552



46.5880, 8.0911, -28.5797



54.6220, 10.0464, -2.2995

Rectangle

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



55.2690, -4.5696, 19.0581



54.0310, -10.3683, 12.2508



46.5880, 8.0911, -28.5797



50.4950, 12.5740, -19.7281

Sweetspot

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



55.2690, -4.5696, 19.0581



91.2890, -1.6215, 6.7625



58.8030, 8.9711, 15.9588



46.0930, -1.0318, 4.3034



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



55.2690, -4.5696, 19.0581



66.0530, -6.9281, 28.8945



64.0740, -8.9105, 11.3361



35.1960, -0.5896, 2.4591



30.4980, -15.0355, 62.7073



68.7700, -33.9036, 141.3987

Inverse Universe

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



67.7310, 4.5696, -19.0581



84.9470, 6.9281, -28.8945



58.3390, 9.1999, -10.8213



36.8040, 0.5896, -2.4591



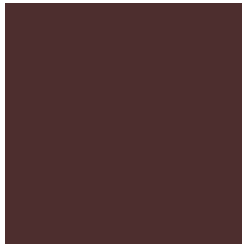
71.5020, 15.0355, -62.7073



161.2300, 33.9036, -141.3987

Previews

White Background



This preview shows how the YUV color 55.2690, -4.5696, 19.0581 looks on a white background.

Color Contrast Check

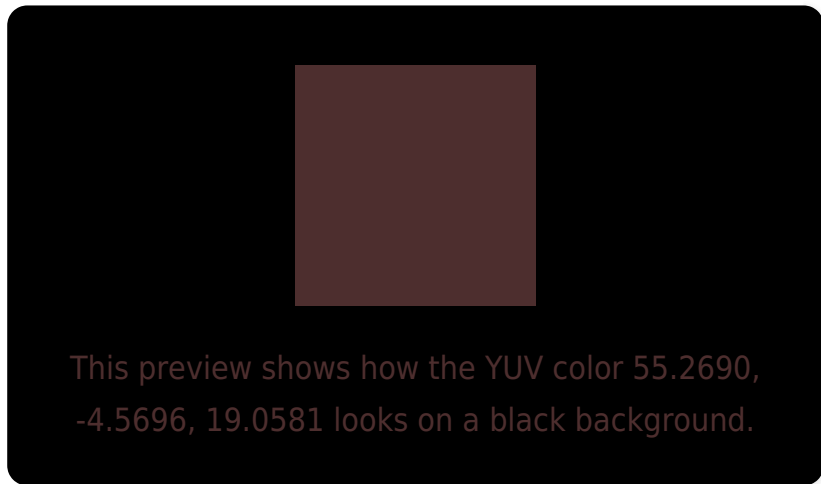
Large Text (above 18pt) WCAG AA ✓ Pass

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

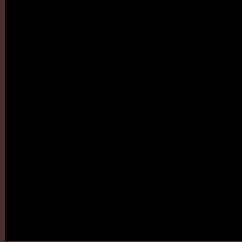
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.2690, -4.5696, 19.0581

Background



This preview shows how black text looks on a background with the YUV color 55.2690, -4.5696, 19.0581.

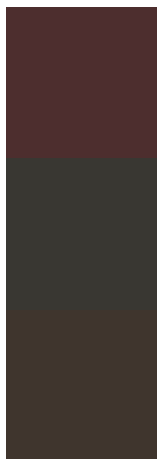


This preview shows how white text looks on a background with the YUV color 55.2690, -4.5696,

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

55.2690, -4.5696, 19.0581

Protanopia

55.0280, -2.4788, 1.7294

Deuteranopia

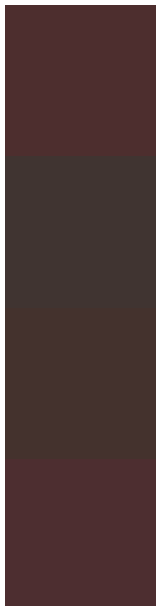
55.0780, -4.9685, 6.9476



Tritanopia

55.6110, -3.2592, 18.7582

Trichromacy



Original Color

55.2690, -4.5696, 19.0581

Protanomaly

55.2460, -3.0793, 7.6773

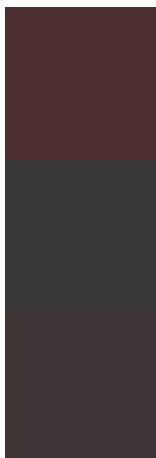
Deuteranomaly

54.8120, -4.8373, 11.5659

Tritanomaly

55.4970, -3.6960, 18.8581

Monochromacy



Original Color

55.2690, -4.5696, 19.0581

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.2890, -1.6215, 6.7625

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.2690, -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(77, 46, 46)` looks like.

```
.text, #text, p{  
    color:rgb(77, 46, 46)  
}
```

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(77, 46, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 46, 46) }
```

Border

The CSS property to change the border of an element to YUV 55.2690, -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(77, 46, 46) }
```


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

```
.border{ border-color:rgb(77, 46, 46) }
```

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

Here you see how a box with a 4 pixel rgb(77, 46, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 46, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 46, 46);  
box-shadow:4px 4px 4px 4px rgb(77, 46, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.2690, -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(77, 46, 46) }
```

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

```
.background{ background-color: rgb(77, 46,  
46) }
```

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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