

Converting Colors

YUV(55.4550, -19.9443,
50.4670)

Have a look what the booklet for
YUV(55.4550, -19.9443, 50.4670)
contains.

YUV(55.4550, -19.9443, 50.4670)	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

**YUV(55.4550, -19.9443,
50.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	71220F
RGB	113, 34, 15
RGB Percent	44%, 13%, 6%
CMY	0.5569, 0.8667, 0.9412
CMYK	0.00, 0.70, 0.87, 0.56
HSL	12°, 77%, 25%
HSV	12°, 87%, 44%
XYZ	7.4683, 4.6893, 0.9634
YIQ	55.4550, 53.1830, 10.8390

Conversions

Conversions Part 2

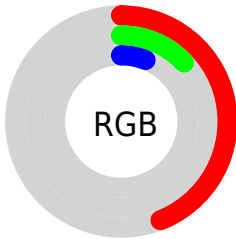
Format	Color
R_{YB}	113, 39, 15
Decimal	7414287
CIE _{Lab}	25.83, 33.85, 30.75
CIE _{LCh}	26, 45.737, 42.255
Yxy	4.6893, 0.5692, 0.3574
Android (android.graphics.Color)	4285604367 (0xFF71220F)
YUV	55.4550, -19.9443, 50.4670
Hunter-Lab	21.6547, 23.6657, 12.5204

Details

The YUV color **55.4550, -19.9443, 50.4670** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **72.5450, 19.9443, -50.4670**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.5760, -23.4550, 56.4998**, and **17.3420, -8.5496, 35.6571** is the 20% darker color. If you saturate the color by 10%, you get **48.9180, -22.1446, 56.1999**, and if you desaturate by 10%, it is **61.9920, -17.7441, 44.7340**.

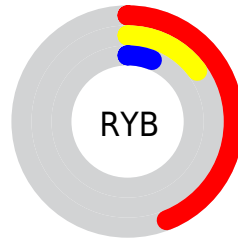
Distribution



Red (44%)

Green (13%)

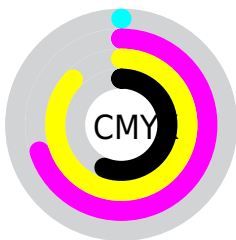
Blue (6%)



Red (44%)

Yellow (15%)

Blue (6%)

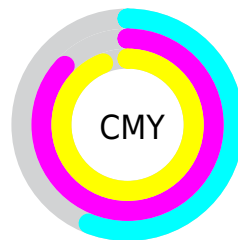


Cyan (0%)

Magenta (70%)

Yellow (87%)

Black (56%)



Cyan (56%)

Magenta (87%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.4550, -19.9443, 50.4670 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 55.4550, -19.9443, 50.4670 by changing the saturation by 10% instead.

■ 55.4550, -19.9443,
50.4670

■ 55.4550, -19.9443,
50.4670

■ 253.5180, -5.6784,
1.2997

■ 28.9370, -14.2659,
49.1673

■ 106.5760,
-23.4550, 56.4998

■ 17.3420, -8.5496,
35.6571

■ 132.5440,
-24.9182, 59.1589

■ 8.7850, -3.8380,
17.7286

■ 160.2130,
-26.2340, 61.2032

■ 0.0000, 0.0000,
0.0000


■ 185.8000,
-26.5234, 60.6884


■ 205.2000,
-23.2696, 43.6746


■ 224.7140,


-19.5790, 26.5608


 244.9290,
-15.7410, 8.8323


 55.4550, -19.9443,
50.4670


 55.4550, -19.9443,
50.4670


 48.9180, -22.1446,
56.1999


 61.9920, -17.7441,
44.7340

 46.7010, -23.0236,
58.1442

 68.6430, -15.1070,
38.9011

 75.1800, -12.9067,
33.1681

 81.7170, -10.7065,
27.4352

 88.9550, -8.3588,
21.0875

■ 95.4920, -6.1586,
15.3545

■ 102.0290, -3.9583,
9.6216

■ 108.5660, -1.7580,
3.8886

■ 115.2170, 0.8790,
-1.9443

Harmonies

Analogous

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



51.7440, -1.3528, 60.7375



55.4550, -19.9443, 50.4670



58.0320, -28.6098, 29.7899

Triad

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



55.4550, -19.9443, 50.4670



48.4710, -4.6692, -42.5091



50.6270, 39.1309, -44.3999

Complementary

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



55.4550, -19.9443, 50.4670



72.5450, 19.9443, -50.4670

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.



56.2690, 35.3634, -49.3479



55.4550, -19.9443, 50.4670



53.1620, 10.7661, -46.6231

Square

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



55.4550, -19.9443, 50.4670



47.3580, -23.3475, -24.8700



56.2230, 25.0331, -49.3076



62.3310, 24.9798, 14.6187

Rectangle

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



55.4550, -19.9443, 50.4670



57.9330, -28.5610, 14.0908



56.2230, 25.0331, -49.3076



53.0890, 38.4101, -46.5591

Sweetspot

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



55.4550, -19.9443, 50.4670



125.3570, -8.0640, 19.8579



53.4220, 20.4980, 52.2499



60.2250, -4.5479, 12.0807



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.



55.4550, -19.9443, 50.4670



61.2750, -30.2086, 76.0578



83.6310, -33.8351, 25.7566



52.9680, -1.4632, 2.6591



49.3810, -24.3448, 61.9329



102.0290, -50.3003, 127.1396

Inverse Universe

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



72.5450, 19.9443, -50.4670



86.7250, 30.2086, -76.0578



44.3690, 33.8351, -25.7566



53.6190, 1.1738, -3.1739



70.6190, 24.3448, -61.9329



144.9710, 50.3003, -127.1396

Previews

White Background



This preview shows how the YUV color 55.4550, -19.9443, 50.4670 looks on a white background.

Color Contrast Check

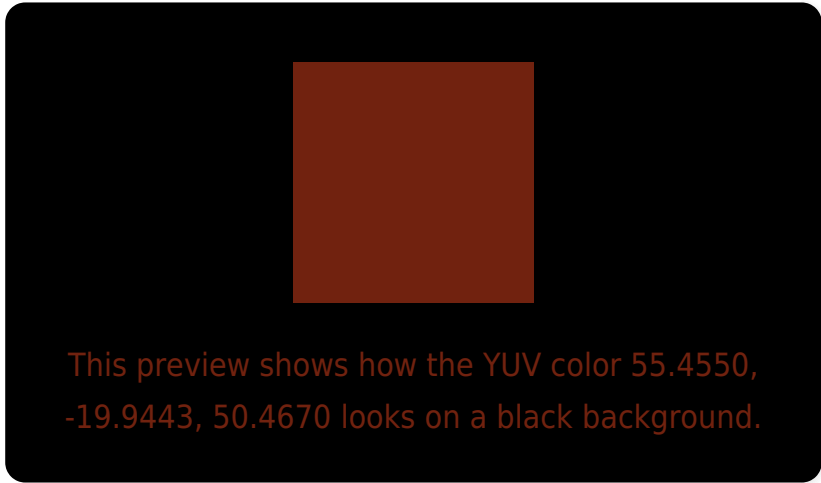
Large Text (above 18pt) WCAG AA ✓ Pass

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

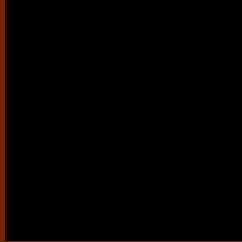
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.4550, -19.9443, 50.4670

Background



This preview shows how black text looks on a background with the YUV color 55.4550, -19.9443, 50.4670.



This preview shows how white text looks on a background with the YUV color 55.4550, -19.9443, 50.4670.

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

55.4550, -19.9443, 50.4670

Protanopia

60.4190, -18.9406, 8.4025

Deuteranopia

58.2540, -28.7192, 18.1942



Tritanopia

56.3330, -11.5032, 49.6970

Trichromacy



Original Color

55.4550, -19.9443, 50.4670

Protanomaly

58.4040, -19.4262, 24.2017

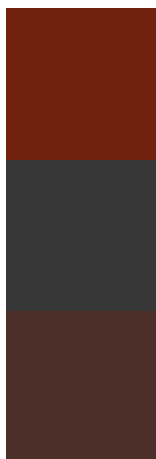
Deuteranomaly

57.1290, -25.6996, 29.7049

Tritanomaly

56.1220, -14.8501, 49.8820

Monochromacy



Original Color

55.4550, -19.9443, 50.4670

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8730, -7.3324, 18.5284

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.4550, -19.9443, 50.4670 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(113, 34, 15)` looks like.

```
.text, #text, p{  
    color:rgb(113, 34, 15)  
}
```

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(113, 34, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 34, 15) }
```

Border

The CSS property to change the border of an element to YUV 55.4550, -19.9443, 50.4670 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(113, 34, 15) }
```


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

```
.border{ border-color:rgb(113, 34, 15) }
```

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

Here you see how a box with a 4 pixel rgb(113, 34, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 34, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 34, 15);  
box-shadow:4px 4px 4px 4px rgb(113, 34,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 55.4550, -19.9443, 50.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 34, 15) }
```

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

```
.background{ background-color: rgb(113, 34,  
15) }
```

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