

# Converting Colors

YUV(55.0280, -15.7898,  
24.5314)

Have a look what the booklet for  
YUV(55.0280, -15.7898, 24.5314)  
contains.

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# Color

**YUV(55.0280, -15.7898,  
24.5314)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	532F17
RGB	83, 47, 23
RGB Percent	33%, 18%, 9%
CMY	0.6745, 0.8157, 0.9098
CMYK	0.00, 0.43, 0.72, 0.67
HSL	24°, 57%, 21%
HSV	24°, 72%, 33%
XYZ	4.7384, 3.9339, 1.3202
YIQ	55.0280, 29.1600, 0.1680

# Conversions

## Conversions Part 2

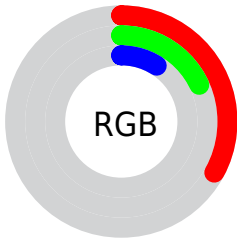
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	83, 63, 23
Decimal	5451543
CIE Lab	23.45, 13.97, 22.07
CIE LCh	23, 26.123, 57.668
Yxy	3.9339, 0.4742, 0.3937
Android (android.graphics.Color)	4283641623 (0xFF532F17)
YUV	55.0280, -15.7898, 24.5314
Hunter-Lab	19.8340, 7.9349, 9.9374

# Details

The YUV color **55.0280, -15.7898, 24.5314** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **50.9720, 15.7898, -24.5314**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.5940, -17.5478, 28.4201**, and **11.0520, -5.4486, 21.0024** is the 20% darker color. If you saturate the color by 10%, you get **51.1810, -17.8372, 27.9053**, and if you desaturate by 10%, it is **58.8750, -13.7424, 21.1576**.

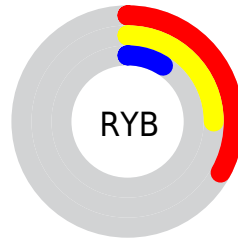
# Distribution



 Red (33%)

 Green (18%)

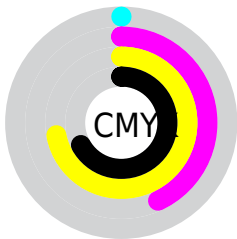
 Blue (9%)



 Red (33%)

 Yellow (25%)

 Blue (9%)

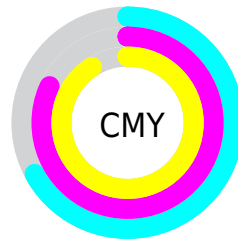


 Cyan (0%)

 Magenta (43%)

 Yellow (72%)

 Black (67%)



 Cyan (67%)

 Magenta (82%)

 Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 55.0280, -15.7898, 24.5314 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 55.0280, -15.7898, 24.5314 by changing the saturation by 10% instead.



■ 55.0280, -15.7898,  
24.5314

■ 55.0280, -15.7898,  
24.5314

■ 254.5440, -1.7472,  
0.3999

■ 32.9030, -16.2212,  
22.8871

■ 102.5940,  
-17.5478, 28.4201

■ 11.0520, -5.4486,  
21.0024

■ 128.2630,  
-18.8637, 30.4643

■ 0.0000, 0.0000,  
0.0000

■ 154.7470,  
-19.5953, 31.7939

■ 181.3450,  
-19.8901, 33.0234

■ 209.4160,  
-20.9111, 33.8382

■ 231.1370,

-17.8155, 20.9279

■ 250.7650,  
-13.6881, 3.7141

■ 55.0280, -15.7898,  
24.5314

■ 55.0280, -15.7898,  
24.5314

■ 51.1810, -17.8372,  
27.9053

■ 58.8750, -13.7424,  
21.1576

■ 47.2200, -20.3215,  
31.3791

■ 62.8360, -11.2581,  
17.6838

■ 44.1880, -21.7847,  
34.0381

■ 66.6830, -9.2107,  
14.3100

■ 70.5300, -7.1633,  
10.9362

■ 74.4910, -4.6791,  
7.4624

■ 78.3380, -2.6316,  
4.0886

■ 82.1850, -0.5842,  
0.7148

■ 86.0320, 1.4632,  
-2.6591

■ 89.9930, 3.9475,  
-6.1329

# Harmonies

## Analogous

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



55.1350, -7.9546, 31.4536



55.0280, -15.7898, 24.5314



53.7400, -19.0988, 12.5060

# Triad

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



55.0280, -15.7898, 24.5314



44.3110, 4.7767, -38.8607



56.4570, 17.0297, -2.1548

# Complementary

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



55.0280, -15.7898, 24.5314



50.9720, 15.7898, -24.5314

# 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.



46.6700, 23.8267, -35.6676



55.0280, -15.7898, 24.5314



46.4770, 13.0758, -40.7603

# Square

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



55.0280, -15.7898, 24.5314



48.3210, -7.0603, -22.2065



47.1270, 20.6434, -41.3304



57.3410, 9.6919, 18.1179



# Rectangle

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



55.0280, -15.7898, 24.5314



52.6140, -18.0507, 2.9695



47.1270, 20.6434, -41.3304



55.1570, 18.6566, -10.6617

# Sweetspot

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



55.0280, -15.7898, 24.5314



96.1600, -5.9949, 9.5067



45.0440, 6.8803, 33.2874



47.1210, -3.5107, 6.0329



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000



# Same Dimension

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



55.0280, -15.7898, 24.5314



63.5260, -24.4163, 38.1267



72.6380, -24.4715, 9.0875



38.7830, -0.8790, 1.9443



56.0490, -27.6322, 42.9300



123.9590, -61.1118, 94.7520



# Inverse Universe

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



50.9720, 15.7898, -24.5314



57.4740, 24.4163, -38.1267



33.3620, 24.4715, -9.0875



38.6300, 1.1684, -1.4295



48.9510, 27.6322, -42.9300



108.0410, 61.1118, -94.7520



# Previews

## White Background



This preview shows how the YUV color 55.0280, -15.7898, 24.5314 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

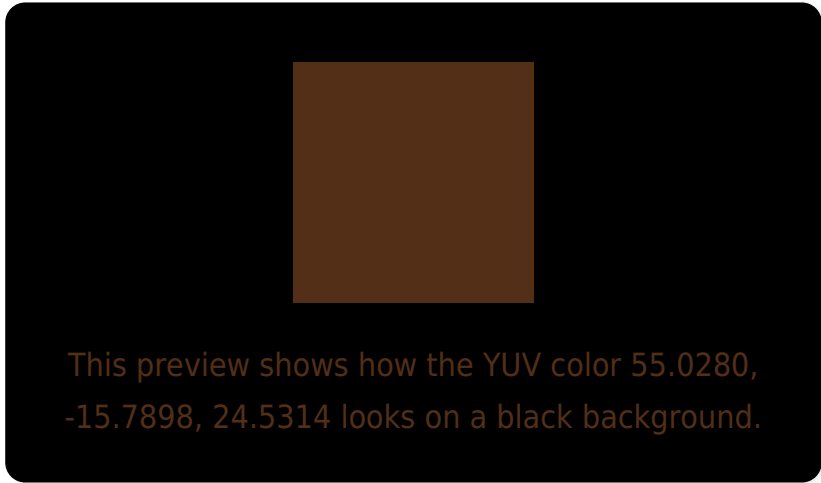
Any Text WCAG AA ✓ Pass

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

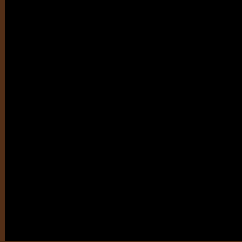
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 55.0280, -15.7898, 24.5314

## Background



This preview shows how black text looks on a background with the YUV color 55.0280, -15.7898, 24.5314.



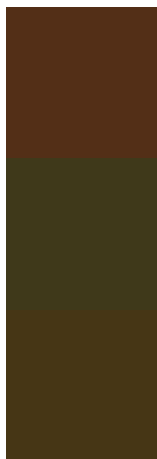
This preview shows how white text looks on a background with the YUV color 55.0280, -15.7898,



# 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

55.0280, -15.7898, 24.5314

### Protanopia

55.2600, -14.4252, 6.7880

### Deuteranopia

55.0220, -16.7728, 13.1357



## Tritanopia

56.3020, -4.5859, 24.2911

# Trichromacy



## Original Color

55.0280, -15.7898, 24.5314

## Protanomaly

54.8910, -14.7363, 13.2506

## Deuteranomaly

54.8700, -16.2049, 17.6540

## Tritanomaly

55.8630, -8.8065, 24.6761

# Monochromacy



## Original Color

55.0280, -15.7898, 24.5314

## Achromatopsia

55.0000, 0.0000, 0.0000

## Achromatomaly

54.8610, -5.8475, 8.8919

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 55.0280, -15.7898, 24.5314 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(83, 47, 23)` looks like.

```
.text, #text, p{  
    color:rgb(83, 47, 23)  
}
```

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(83, 47, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 47, 23) }
```

## Border

The CSS property to change the border of an element to YUV 55.0280, -15.7898, 24.5314 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(83, 47, 23) }
```



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

```
.border{ border-color:rgb(83, 47, 23) }
```

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

Here you see how a box with a 4 pixel rgb(83, 47, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 47, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 47, 23);  
box-shadow:4px 4px 4px 4px rgb(83, 47, 23)  
}
```

# Background

The CSS property to change the background color of an element to YUV 55.0280, -15.7898, 24.5314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 47, 23) }
```

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

```
.background{ background-color: rgb(83, 47,  
23) }
```

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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