

Converting Colors

YUV(55.9070, -15.7302, 5.3436)

Have a look what the booklet for
YUV(55.9070, -15.7302, 5.3436)
contains.

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Color

**YUV(55.9070, -15.7302,
5.3436)**

Conversions

Conversions Part 1

Format	Color
Hex	3E3B18
RGB	62, 59, 24
RGB Percent	24%, 23%, 9%
CMY	0.7569, 0.7686, 0.9059
CMYK	0.00, 0.05, 0.61, 0.76
HSL	55°, 44%, 17%
HSV	55°, 61%, 24%
XYZ	3.7154, 4.2180, 1.4825
YIQ	55.9070, 13.0230, -10.2490

Conversions

Conversions Part 2

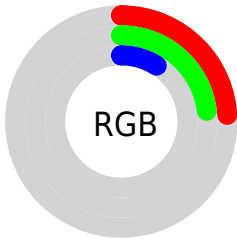
Format	Color
R_{YB}	27, 62, 24
Decimal	4078360
CIE _{Lab}	24.38, -4.36, 21.86
CIE _{LCh}	24, 22.292, 101.273
Yxy	4.2180, 0.3946, 0.4480
Android (android.graphics.Color)	4282268440 (0xFF3E3B18)
YUV	55.9070, -15.7302, 5.3436
Hunter-Lab	20.5378, -3.6492, 10.0967

Details

The YUV color **55.9070, -15.7302, 5.3436** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **30.0930, 15.7302, -5.3436**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.1630, -17.3354, 6.8730**, and **13.8660, -6.8359, -0.7595** is the 20% darker color. If you saturate the color by 10%, you get **55.2230, -18.3509, 5.9434**, and if you desaturate by 10%, it is **56.5910, -13.1094, 4.7437**.

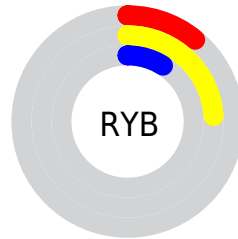
Distribution



Red (24%)

Green (23%)

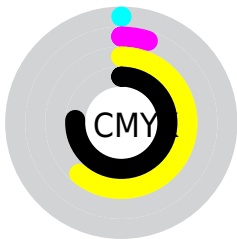
Blue (9%)



Red (11%)

Yellow (24%)

Blue (9%)

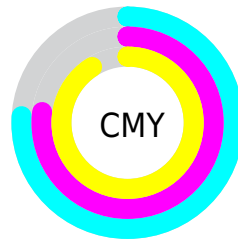


Cyan (0%)

Magenta (5%)

Yellow (61%)

Black (76%)



Cyan (76%)

Magenta (77%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.9070, -15.7302, 5.3436 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 55.9070, -15.7302, 5.3436 by changing the saturation by 10% instead.

■ 55.9070, -15.7302,
5.3436

■ 55.9070, -15.7302,
5.3436

■ 254.7720, -0.8736,
0.2000

■ 33.6790, -16.6037,
5.5435

■ 103.1630,
-17.3354, 6.8730

■ 13.8660, -6.8359,
-0.7595

■ 128.3480,
-17.9196, 7.5878

■ 0.0000, 0.0000,
0.0000


■ 154.2340,
-18.3564, 7.6878


■ 181.4190,
-18.9406, 8.4025


■ 209.1910,
-19.8142, 8.6025


■ 237.1910,


-19.8142, 8.6025


 251.5800,
-13.1039, 2.9993


 55.9070, -15.7302,
5.3436


 55.9070, -15.7302,
5.3436


 55.2230, -18.3509,
5.9434


 56.5910, -13.1094,
4.7437


 53.9520, -20.6823,
7.0581


 57.8620, -10.7780,
3.6290

 53.1540, -23.7399,
7.7579

 58.6600, -7.7204,
2.9292

 51.9970, -25.6345,
8.7726

 59.9310, -5.3890,
1.8145

 60.6150, -2.7682,
1.2146

■ 61.8860, -0.4368,
0.1000

■ 62.5700, 2.1840,
-0.4999

■ 63.9550, 4.9522,
-1.7145

■ 64.6390, 7.5730,
-2.3144

Harmonies

Analogous

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



57.0980, -15.3313, 17.4541



55.9070, -15.7302, 5.3436



53.7850, -10.7400, -8.5814

Triad

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



55.9070, -15.7302, 5.3436



47.8620, 15.8440, -41.9750



59.9840, 4.4449, 21.0620

Complementary

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



55.9070, -15.7302, 5.3436



30.0930, 15.7302, -5.3436

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.



59.7310, 11.4716, 7.2519



55.9070, -15.7302, 5.3436



47.1270, 20.6434, -41.3304

Square

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



55.9070, -15.7302, 5.3436



46.6250, 8.5659, -40.8901



56.9780, 16.7728, -13.1357



58.6660, -3.2863, 27.4799

Rectangle

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



55.9070, -15.7302, 5.3436



51.5000, -5.1765, -19.7325



56.9780, 16.7728, -13.1357



59.6460, 7.0765, 16.9735

Sweetspot

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



55.9070, -15.7302, 5.3436



79.1160, -5.9732, 2.5293



35.7040, -4.2911, 23.0616



39.3870, -3.6418, 1.4146



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



55.9070, -15.7302, 5.3436



72.1110, -25.1977, 8.6727



52.8840, -14.2398, -6.0373



30.0710, -1.0210, 0.8147



79.1750, -39.0333, 13.0015



186.1260, -91.7601, 31.4615

Inverse Universe

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



30.0930, 15.7302, -5.3436



30.8890, 25.1977, -8.6727



33.1160, 14.2398, 6.0373



28.3420, 1.3104, -0.2999



14.8250, 39.0333, -13.0015



35.8740, 91.7601, -31.4615

Previews

White Background



This preview shows how the YUV color 55.9070, -15.7302, 5.3436 looks on a white background.

Color Contrast Check

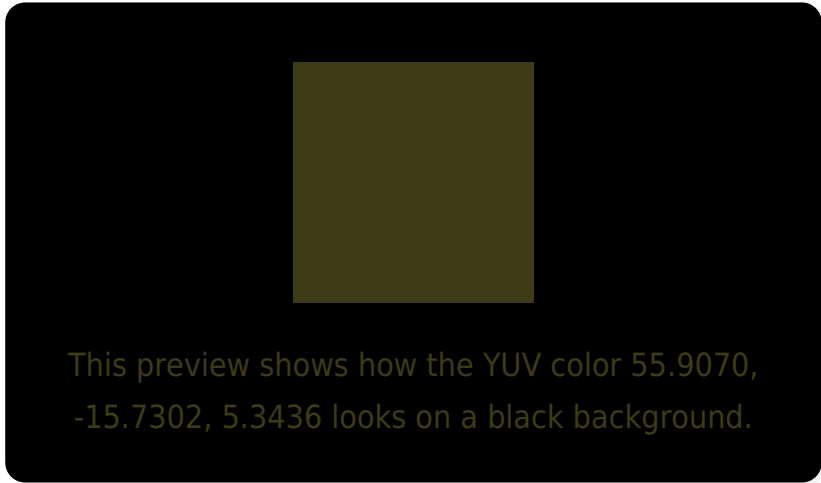
Large Text (above 18pt) WCAG AA ✓ Pass

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

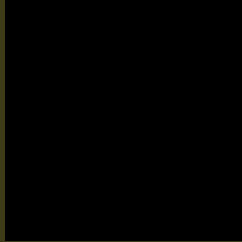
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.9070, -15.7302, 5.3436

Background



This preview shows how black text looks on a background with the YUV color 55.9070, -15.7302, 5.3436.



This preview shows how white text looks on a background with the YUV color 55.9070, -15.7302,

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

55.9070, -15.7302, 5.3436

Protanopia

56.2170, -15.8830, 7.7027

Deuteranopia

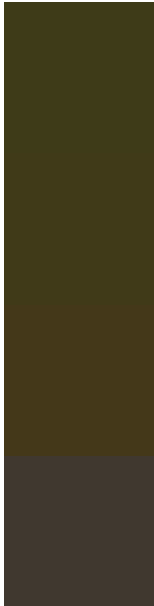
56.6630, -15.6099, 13.4505



Tritanopia

58.5600, 0.7099, 5.6479

Trichromacy



Original Color

55.9070, -15.7302, 5.3436

Protanomaly

55.9180, -15.7356, 7.0879

Deuteranomaly

56.0540, -15.3096, 10.4766

Tritanomaly

57.3660, -5.1104, 5.8180

Monochromacy



Original Color

55.9070, -15.7302, 5.3436

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.8170, -5.8258, 1.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.9070, -15.7302, 5.3436 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(62, 59, 24)` looks like.

```
.text, #text, p{  
    color:rgb(62, 59, 24)  
}
```

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(62, 59, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 59, 24) }
```

Border

The CSS property to change the border of an element to YUV 55.9070, -15.7302, 5.3436 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(62, 59, 24) }
```


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

```
.border{ border-color:rgb(62, 59, 24) }
```

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

Here you see how a box with a 4 pixel rgb(62, 59, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 59, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 59, 24);  
box-shadow:4px 4px 4px 4px rgb(62, 59, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.9070, -15.7302, 5.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 59, 24) }
```

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

```
.background{ background-color: rgb(62, 59,  
24) }
```

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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