

Converting Colors

YUV(55.1930, -15.8711,
50.6967)

Have a look what the booklet for
YUV(55.1930, -15.8711, 50.6967)
contains.

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Color

**YUV(55.1930, -15.8711,
50.6967)**

Conversions

Conversions Part 1

Format	Color
Hex	712017
RGB	113, 32, 23
RGB Percent	44%, 13%, 9%
CMY	0.5569, 0.8745, 0.9098
CMYK	0.00, 0.72, 0.80, 0.56
HSL	6°, 66%, 27%
HSV	6°, 80%, 44%
XYZ	7.4812, 4.6056, 1.3053
YIQ	55.1930, 51.1650, 14.3730

Conversions

Conversions Part 2

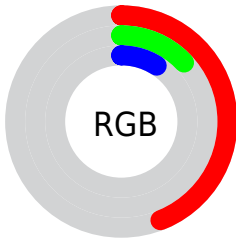
Format	Color
R_{YB}	113, 33, 23
Decimal	7413783
CIE Lab	25.58, 35.05, 25.92
CIE LCh	26, 43.595, 36.476
Yxy	4.6056, 0.5586, 0.3439
Android (android.graphics.Color)	4285603863 (0xFF712017)
YUV	55.1930, -15.8711, 50.6967
Hunter-Lab	21.4607, 24.6692, 11.4163

Details

The YUV color **55.1930, -15.8711, 50.6967** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **80.8070, 15.8711, -50.6967**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.6020, -19.5238, 55.6000**, and **17.3420, -8.5496, 35.6571** is the 20% darker color. If you saturate the color by 10%, you get **48.0690, -17.7820, 56.9445**, and if you desaturate by 10%, it is **62.3170, -13.9603, 44.4490**.

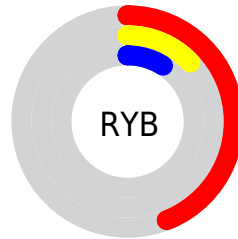
Distribution



Red (44%)

Green (13%)

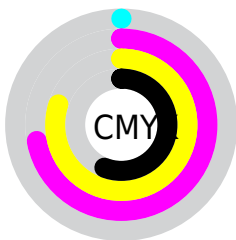
Blue (9%)



Red (44%)

Yellow (13%)

Blue (9%)

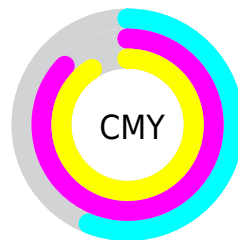


Cyan (0%)

Magenta (72%)

Yellow (80%)

Black (56%)



Cyan (56%)

Magenta (87%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.1930, -15.8711, 50.6967 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 55.1930, -15.8711, 50.6967 by changing the saturation by 10% instead.

■ 55.1930, -15.8711,
50.6967

■ 55.1930, -15.8711,
50.6967

■ 254.5440, -1.7472,
0.3999

■ 27.4750, -13.5452,
51.3264

■ 106.6020,
-19.5238, 55.6000

■ 17.3420, -8.5496,
35.6571

■ 132.8690,
-21.1344, 58.8739

■ 9.0840, -3.9854,
18.3433

■ 159.9510,
-22.1608, 61.4330

■ 0.0000, 0.0000,
0.0000

■ 186.1250,
-22.7396, 60.4034

■ 205.0520,
-18.7596, 43.8044

■ 225.1530,

-15.3584, 26.1758

■ 244.7810,
-11.2310, 8.9621

■ 55.1930, -15.8711,
50.6967

■ 55.1930, -15.8711,
50.6967

■ 48.0690, -17.7820,
56.9445

■ 62.3170, -13.9603,
44.4490

■ 40.8310, -20.1297,
63.2922

■ 69.5550, -11.6126,
38.1013

■ 40.2440, -19.8403,
63.8070

■ 77.2660, -9.9911,
31.3387

■ 84.3900, -8.0803,
25.0910

■ 91.5140, -6.1694,
18.8432

■ 98.7520, -3.8217,
12.4955

■ 105.8760, -1.9109,
6.2477

■ 113.0000, 0.0000,
0.0000

■ 120.8250, 2.0583,
-6.8625

Harmonies

Analogous

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



53.2920, 0.8420, 56.7489



55.1930, -15.8711, 50.6967



57.1680, -28.1838, 33.1787

Triad

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



55.1930, -15.8711, 50.6967



46.4990, -7.1480, -40.7796



51.4590, 37.2417, -45.1295

Complementary

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



55.1930, -15.8711, 50.6967



80.8070, 15.8711, -50.6967

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.



55.4710, 32.3058, -48.6481



55.1930, -15.8711, 50.6967



51.6630, 7.5611, -45.3085

Square

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



55.1930, -15.8711, 50.6967



50.3700, -24.8324, -15.2335



55.3110, 21.5387, -48.5077



61.8030, 25.7331, 6.3118

Rectangle

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



55.1930, -15.8711, 50.6967



57.6670, -28.4298, 18.7090



55.3110, 21.5387, -48.5077



53.2200, 36.3735, -46.6739

Sweetspot

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



55.1930, -15.8711, 50.6967



125.1120, -6.4642, 20.0728



59.1440, 22.1140, 47.2317



60.4530, -3.6743, 11.8807



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.



55.1930, -15.8711, 50.6967



56.6760, -24.9833, 80.0911



81.6080, -28.8937, 27.5308



52.3810, -1.1738, 3.1739



42.9240, -21.1615, 67.5957



88.5280, -43.6443, 138.9799

Inverse Universe

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



80.8070, 15.8711, -50.6967



97.3240, 24.9833, -80.0911



54.3920, 28.8937, -27.5308



54.2060, 0.8844, -3.6887



77.0760, 21.1615, -67.5957



159.0590, 43.3549, -139.4947

Previews

White Background



This preview shows how the YUV color 55.1930, -15.8711, 50.6967 looks on a white background.

Color Contrast Check

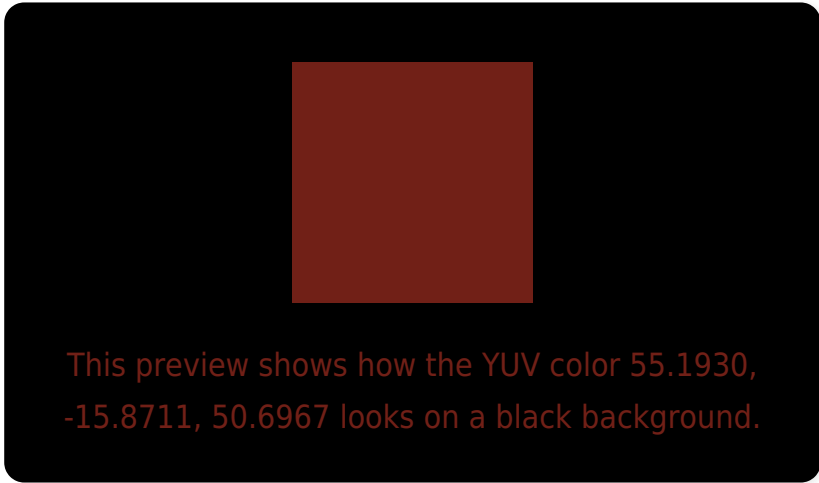
Large Text (above 18pt) WCAG AA ✓ Pass

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

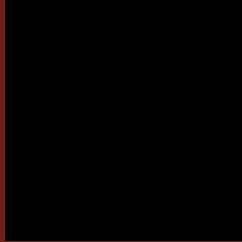
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.1930, -15.8711, 50.6967

Background



This preview shows how black text looks on a background with the YUV color 55.1930, -15.8711, 50.6967.

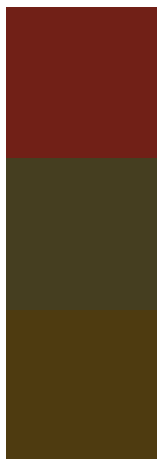


This preview shows how white text looks on a background with the YUV color 55.1930, -15.8711,

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

55.1930, -15.8711, 50.6967

Protanopia

60.6730, -14.1358, 7.3028

Deuteranopia

59.7790, -21.5830, 15.9798



Tritanopia

55.6320, -11.6506, 50.3117

Trichromacy



Original Color

55.1930, -15.8711, 50.6967

Protanomaly

58.6580, -14.6214, 23.1019

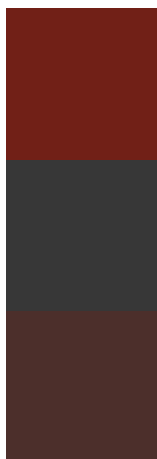
Deuteranomaly

58.1380, -19.2950, 28.8200

Tritanomaly

55.2900, -12.9610, 50.6117

Monochromacy



Original Color

55.1930, -15.8711, 50.6967

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.2150, -6.0220, 18.2284

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.1930, -15.8711, 50.6967 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, 32, 23)` looks like.

```
.text, #text, p{  
    color:rgb(113, 32, 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(113, 32, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 32, 23) }
```

Border

The CSS property to change the border of an element to YUV 55.1930, -15.8711, 50.6967 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, 32, 23) }
```


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

```
.border{ border-color:rgb(113, 32, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 32, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 32, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 32, 23);  
box-shadow:4px 4px 4px 4px rgb(113, 32,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 55.1930, -15.8711, 50.6967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 32, 23) }
```

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

```
.background{ background-color: rgb(113, 32,  
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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