

Converting Colors

YUV(109.1890, -19.8132,
55.0852)

Have a look what the booklet for
YUV(109.1890, -19.8132, 55.0852)
contains.

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Color

**YUV(109.1890, -19.8132,
55.0852)**

Conversions

Conversions Part 1

Format	Color
Hex	AC5545
RGB	172, 85, 69
RGB Percent	67%, 33%, 27%
CMY	0.3255, 0.6667, 0.7294
CMYK	0.00, 0.51, 0.60, 0.33
HSL	9°, 43%, 47%
HSV	9°, 60%, 67%
XYZ	21.3359, 15.6973, 7.5356
YIQ	109.1890, 56.9880, 13.4680

Conversions

Conversions Part 2

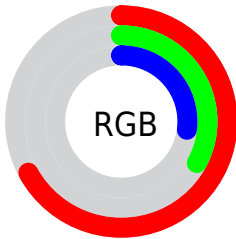
Format	Color
R _Y B	172, 88, 69
Decimal	11294021
CIE Lab	46.57, 34.16, 25.77
CIE LCh	47, 42.789, 37.039
Yxy	15.6973, 0.4787, 0.3522
Android (android.graphics.Color)	4289484101 (0xFFAC5545)
YUV	109.1890, -19.8132, 55.0852
Hunter-Lab	39.6199, 26.7904, 16.4571

Details

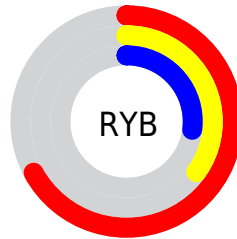
The YUV color **109.1890, -19.8132, 55.0852** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **131.8110, 19.8132, -55.0852**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.9400, -22.1554, 59.6886**, and **58.3670, -16.4499, 49.6671** is the 20% darker color. If you saturate the color by 10%, you get **98.4460, -22.8979, 64.5069**, and if you desaturate by 10%, it is **119.9320, -16.7285, 45.6636**.

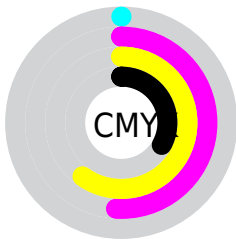
Distribution



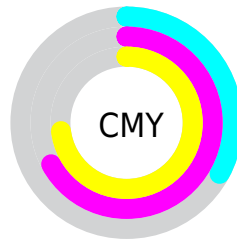
- Red (67%)
- Green (33%)
- Blue (27%)



- Red (67%)
- Yellow (35%)
- Blue (27%)



- Cyan (0%)
- Magenta (51%)
- Yellow (60%)
- Black (33%)



- Cyan (33%)
- Magenta (67%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.1890, -19.8132, 55.0852 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 109.1890, -19.8132, 55.0852 by changing the saturation by 10% instead.

■ 109.1890,
-19.8132, 55.0852

■ 109.1890,
-19.8132, 55.0852

255.0000, 0.0000,
0.0000

■ 83.2210, -18.3500,
52.4262

■ 162.9400,
-22.1554, 59.6886

■ 58.3670, -16.4499,
49.6671

■ 188.2280,
-22.2974, 58.5590

■ 30.7090, -15.1395,
49.3672

■ 207.7420,
-18.6068, 41.4453

■ 17.9400, -8.8444,
36.8866

■ 227.2560,
-14.9162, 24.3315

■ 9.9810, -4.4276,
20.1877

■ 247.4710,
-11.0782, 6.6029

■ 0.0000, 0.0000,
0.0000

254.8860, -0.4368,

0.1000

■ 109.1890,
-19.8132, 55.0852

■ 109.1890,
-19.8132, 55.0852

■ 98.4460, -22.8979,
64.5069

■ 119.9320,
-16.7285, 45.6636

■ 88.2900, -26.2720,
73.4137

■ 130.0880,
-13.3544, 36.7568

■ 77.4330, -29.7935,
82.9353

■ 140.9450, -9.8329,
27.2352

■ 67.2770, -33.1676,
91.8421

■ 151.1010, -6.4588,
18.3284

■ 161.8440, -3.3741,
8.9068

■ 172.0000, 0.0000,
0.0000

■ 182.7430, 3.0847,
-9.4216

■ 193.0130, 6.8956,
-18.4284

■ 203.7560, 9.9803,
-27.8500

Harmonies

Analogous

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



110.1520, -3.5259, 57.7487



109.1890, -19.8132, 55.0852



107.8760, -31.9839, 38.6967

Triad

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



109.1890, -19.8132, 55.0852



89.7740, -4.3256, -59.4378



103.5350, 38.6832, -40.8112

Complementary

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



109.1890, -19.8132, 55.0852



131.8110, 19.8132, -55.0852

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.



91.6780, 41.5707, -80.4016



109.1890, -19.8132, 55.0852



88.5880, 14.5001, -77.6917

Square

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



109.1890, -19.8132, 55.0852



101.8430, -25.5586, -15.6483



91.9910, 30.0774, -80.6761



113.1670, 27.0327, 9.5005

Rectangle

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



109.1890, -19.8132, 55.0852



106.4520, -35.7188, 23.2826



91.9910, 30.0774, -80.6761



88.2530, 46.2173, -77.3979

Sweetspot

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



109.1890, -19.8132, 55.0852



199.4820, -7.6326, 21.5023



109.8290, 23.2553, 54.5240



96.9370, -4.4059, 13.2103



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



109.1890, -19.8132, 55.0852



125.8140, -30.9673, 86.1091



139.1260, -34.5721, 28.8305



81.2780, -1.6161, 5.0182



58.3510, -28.7670, 80.3762



9.2250, -4.5479, 12.0807

Inverse Universe

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



131.8110, 19.8132, -55.0852



161.1860, 30.9673, -86.1091



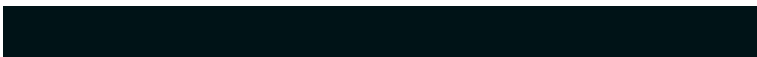
101.8740, 34.5721, -28.8305



83.1350, 1.9054, -4.5034



91.6490, 28.7670, -80.3762



13.7750, 4.5479, -12.0807

Previews

White Background



This preview shows how the YUV color 109.1890, -19.8132, 55.0852 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 × Fail

Black Background



This preview shows how the YUV color 109.1890, -19.8132, 55.0852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

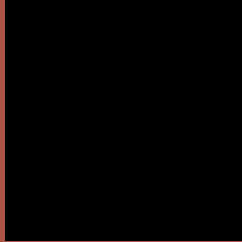
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.1890, -19.8132, 55.0852

Background



This preview shows how black text looks on a background with the YUV color 109.1890, -19.8132, 55.0852.



This preview shows how white text looks on a background with the YUV color 109.1890, -19.8132,

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

109.1890, -19.8132, 55.0852

Protanopia

109.7440, -15.1568, 8.1175

Deuteranopia

109.9970, -22.1835, 21.9276



Tritanopia

109.8930, -10.7932, 55.3448

Trichromacy



Original Color

109.1890, -19.8132, 55.0852

Protanomaly

109.6860, -17.1002, 24.8314

Deuteranomaly

109.3020, -21.3479, 33.9381

Tritanomaly

109.6820, -14.1402, 55.5299

Monochromacy



Original Color

109.1890, -19.8132, 55.0852

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8840, -7.3378, 20.2727

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1890, -19.8132, 55.0852 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(172, 85, 69)` looks like.

```
.text, #text, p{  
    color:rgb(172, 85, 69)  
}
```

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(172, 85, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 85, 69) }
```

Border

The CSS property to change the border of an element to YUV 109.1890, -19.8132, 55.0852 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(172, 85, 69) }
```


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

```
.border{ border-color:rgb(172, 85, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 85, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 85, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 85, 69);  
box-shadow:4px 4px 4px 4px rgb(172, 85,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 109.1890, -19.8132, 55.0852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 85, 69) }
```

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

```
.background{ background-color: rgb(172, 85,  
69) }
```

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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