

Converting Colors

YUV(109.9560, -19.6983,
64.9366)

Have a look what the booklet for
YUV(109.9560, -19.6983, 64.9366)
contains.

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Color

**YUV(109.9560, -19.6983,
64.9366)**

Conversions

Conversions Part 1

Format	Color
Hex	B85046
RGB	184, 80, 70
RGB Percent	72%, 31%, 27%
CMY	0.2784, 0.6863, 0.7255
CMYK	0.00, 0.57, 0.62, 0.28
HSL	5°, 45%, 50%
HSV	5°, 62%, 72%
XYZ	23.7413, 16.3699, 7.7027
YIQ	109.9560, 65.1940, 18.9380

Conversions

Conversions Part 2

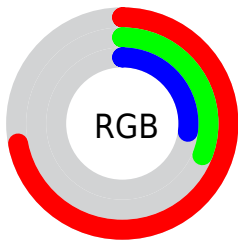
Format	Color
R_{YB}	184, 81, 70
Decimal	12079174
CIE _{Lab}	47.46, 41.37, 26.69
CIE _{LCh}	47, 49.235, 32.827
Yxy	16.3699, 0.4965, 0.3424
Android (android.graphics.Color)	4290269254 (0xFFB85046)
YUV	109.9560, -19.6983, 64.9366
Hunter-Lab	40.4597, 33.9374, 17.0341

Details

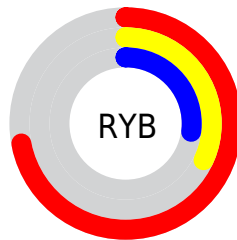
The YUV color **109.9560, -19.6983, 64.9366** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **144.0440, 19.6983, -64.9366**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0060, -22.1880, 70.1547**, and **56.1880, -14.8827, 60.3481** is the 20% darker color. If you saturate the color by 10%, you get **97.9250, -22.6410, 75.4878**, and if you desaturate by 10%, it is **121.9870, -16.7556, 54.3854**.

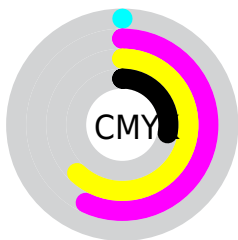
Distribution



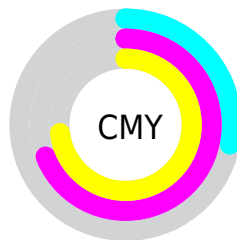
- Red (72%)
- Green (31%)
- Blue (27%)



- Red (72%)
- Yellow (32%)
- Blue (27%)



- Cyan (0%)
- Magenta (57%)
- Yellow (62%)
- Black (28%)



- Cyan (28%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.9560, -19.6983, 64.9366 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 109.9560, -19.6983, 64.9366 by changing the saturation by 10% instead.

■ 109.9560,
-19.6983, 64.9366

■ 109.9560,
-19.6983, 64.9366

■ 255.0000, 0.0000,
0.0000

■ 83.1020, -17.7983,
62.1775

■ 164.0060,
-22.1880, 70.1547

■ 56.1880, -14.8827,
60.3481

■ 185.9940,
-20.7030, 60.5183

■ 29.1170, -13.8617,
59.5334

■ 205.5080,
-17.0124, 43.4045

■ 20.3320, -10.0237,
41.8048

■ 225.0220,
-13.3218, 26.2907

■ 12.9710, -5.9017,
26.3354

■ 245.2370, -9.4838,
8.5622

■ 0.0000, 0.0000,
0.0000

■ 109.9560,
-19.6983, 64.9366

■ 109.9560,
-19.6983, 64.9366

■ 97.9250, -22.6410,
75.4878

■ 121.9870,
-16.7556, 54.3854

■ 85.7800, -26.0205,
86.1389

■ 134.1320,
-13.3761, 43.7342

■ 74.3360, -29.2526,
96.1753

■ 145.5760,
-10.1440, 33.6978

■ 64.4080, -31.7531,
104.8822

■ 157.7210, -6.7645,
23.0467

■ 169.7520, -3.8217,
12.4955

■ 181.7830, -0.8790,
1.9443

■ 193.9280, 2.5005,
-8.7069

■ 205.3720, 5.7326,

-18.7432

■ 217.5170, 9.1121,
-29.3944

Harmonies

Analogous

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



111.0050, -0.4955, 65.7706



109.9560, -19.6983, 64.9366



109.3070, -35.6474, 47.0888

Triad

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



109.9560, -19.6983, 64.9366



87.0240, -6.9138, -69.3040



90.4360, 52.0431, -79.3124

Complementary

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



109.9560, -19.6983, 64.9366



144.0440, 19.6983, -64.9366

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.



95.7530, 44.4918, -83.9754



109.9560, -19.6983, 64.9366



90.5940, 12.0322, -79.4509

Square

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



109.9560, -19.6983, 64.9366



102.7310, -32.4054, -12.9191



95.2680, 29.9409, -83.5500



114.8440, 33.6009, 2.7678

Rectangle

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



109.9560, -19.6983, 64.9366



107.7750, -42.2871, 30.0153



95.2680, 29.9409, -83.5500



92.6700, 50.4487, -81.2716

Sweetspot

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



109.9560, -19.6983, 64.9366



210.1020, -7.9383, 26.2205



116.0560, 29.0594, 59.5869



102.1330, -4.9956, 15.6694



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



109.9560, -19.6983, 64.9366



124.6140, -30.8687, 101.1935



143.4150, -36.1936, 35.5930



85.6910, -1.3267, 5.5330



54.8620, -27.0470, 88.6980



9.5460, -4.7062, 16.1842

Inverse Universe

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



144.0440, 19.6983, -64.9366



177.3860, 30.8687, -101.1935



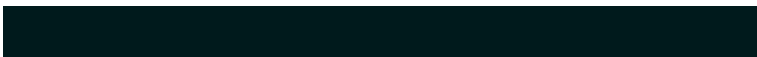
111.1720, 35.9042, -36.1078



88.7220, 1.6161, -5.0182



101.1380, 27.0470, -88.6980



18.4540, 4.7062, -16.1842

Previews

White Background



This preview shows how the YUV color 109.9560, -19.6983, 64.9366 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 109.9560, -19.6983, 64.9366 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 109.9560, -19.6983, 64.9366

Background



This preview shows how black text looks on a background with the YUV color 109.9560, -19.6983, 64.9366.



This preview shows how white text looks on a background with the YUV color 109.9560, -19.6983, 64.9366.

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

109.9560, -19.6983, 64.9366

Protanopia

112.2710, -14.4306, 8.5323

Deuteranopia

112.0680, -23.2045, 22.7424



Tritanopia

110.5630, -13.5886, 65.2812

Trichromacy



Original Color

109.9560, -19.6983, 64.9366

Protanomaly

111.5340, -16.5323, 29.3497

Deuteranomaly

111.5090, -21.9429, 38.1416

Tritanomaly

110.5800, -16.0619, 65.2663

Monochromacy



Original Color

109.9560, -19.6983, 64.9366

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9060, -7.3487, 23.7614

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.9560, -19.6983, 64.9366 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(184, 80, 70)` looks like.

```
.text, #text, p{  
    color:rgb(184, 80, 70)  
}
```

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(184, 80, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 80, 70) }
```

Border

The CSS property to change the border of an element to YUV 109.9560, -19.6983, 64.9366 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(184, 80, 70) }
```


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

```
.border{ border-color:rgb(184, 80, 70) }
```

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

Here you see how a box with a 4 pixel rgb(184, 80, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 80, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 80, 70);  
box-shadow:4px 4px 4px 4px rgb(184, 80,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 109.9560, -19.6983, 64.9366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 80, 70) }
```

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

```
.background{ background-color: rgb(184, 80,  
70) }
```

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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