

Converting Colors

YUV(109.0420, -3.9647,
-35.1168)

Have a look what the booklet for
YUV(109.0420, -3.9647, -35.1168)
contains.

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Color

**YUV(109.0420, -3.9647,
-35.1168)**

Conversions

Conversions Part 1

Format	Color
Hex	458365
RGB	69, 131, 101
RGB Percent	27%, 51%, 40%
CMY	0.7294, 0.4863, 0.6039
CMYK	0.47, 0.00, 0.23, 0.49
HSL	151°, 31%, 39%
HSV	151°, 47%, 51%
XYZ	12.9195, 18.4374, 15.1898
YIQ	109.0420, -27.3220, -22.4740

Conversions

Conversions Part 2

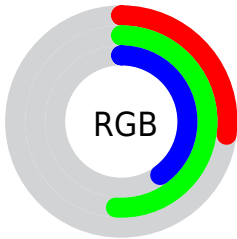
Format	Color
RYB	69, 110, 131
Decimal	4555621
CIELab	50.02, -27.50, 10.10
CIElCh	50, 29.294, 159.823
Yxy	18.4374, 0.2776, 0.3961
Android (android.graphics.Color)	4282745701 (0xFF458365)
YUV	109.0420, -3.9647, -35.1168
Hunter-Lab	42.9388, -21.4354, 9.0831

Details

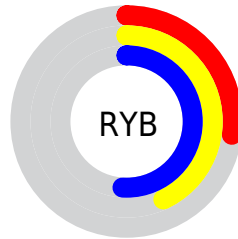
The YUV color **109.0420, -3.9647, -35.1168** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **90.9580, 3.9647, 35.1168**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.5150, -4.6909, -35.5317**, and **57.8890, -1.9173, -38.4907** is the 20% darker color. If you saturate the color by 10%, you get **104.4710, -4.6692, -42.5091**, and if you desaturate by 10%, it is **113.6130, -3.2602, -27.7246**.

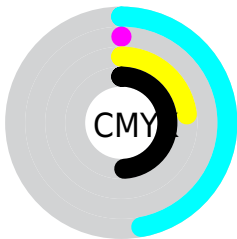
Distribution



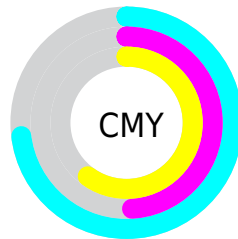
- Red (27%)
- Green (51%)
- Blue (40%)



- Red (27%)
- Yellow (43%)
- Blue (51%)



- Cyan (47%)
- Magenta (0%)
- Yellow (23%)
- Black (49%)



- Cyan (73%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.0420, -3.9647, -35.1168 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 109.0420, -3.9647, -35.1168 by changing the saturation by 10% instead.

■ 109.0420, -3.9647,
-35.1168

■ 109.0420, -3.9647,
-35.1168

■ 255.0000, 0.0000,
0.0000

■ 83.8570, -3.3805,
-35.8316

■ 161.5150, -4.6909,
-35.5317

■ 57.8890, -1.9173,
-38.4907

■ 189.1020, -4.9803,
-36.0465

■ 37.2210, -2.0810,
-32.6428

■ 217.2760, -5.5591,
-37.0761

■ 22.3860, -5.6133,
-19.6325

■ 237.0580, -1.5076,
-29.8689

■ 0.0000, 0.0000,
0.0000

■ 248.1230, 3.3904,
-14.1399

■ 109.0420, -3.9647,
-35.1168

■ 109.0420, -3.9647,
-35.1168

■ 104.4710, -4.6692,
-42.5091

■ 113.6130, -3.2602,
-27.7246

■ 99.7860, -5.8105,
-49.8013

■ 118.2980, -2.1189,
-20.4323

■ 95.2150, -6.5150,
-57.1936

■ 122.8690, -1.4144,
-13.0401

■ 90.6440, -7.2195,
-64.5858

■ 127.4400, -0.7099,
-5.6479

■ 85.9590, -8.3608,
-71.8780

■ 132.4240, 0.2840,
2.2592

■ 84.6490, -8.2080,
-74.2372

■ 136.9950, 0.9885,
9.6514

■ 141.5660, 1.6930,
17.0436

■ 146.2510, 2.8343,

24.3359

■ 150.8220, 3.5388,
31.7281

Harmonies

Analogous

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



113.5690, -16.5495, -11.9000



109.0420, -3.9647, -35.1168



101.5300, 12.5567, -60.9778

Triad

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



109.0420, -3.9647, -35.1168



117.7090, 24.7935, -19.0388



120.1160, -15.8332, 38.4863

Complementary

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



109.0420, -3.9647, -35.1168



90.9580, 3.9647, 35.1168

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.



121.4010, -4.6347, 39.9903



109.0420, -3.9647, -35.1168



121.9360, 17.2866, 8.8261

Square

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



109.0420, -3.9647, -35.1168



108.3200, 27.9432, -49.3926



122.4350, 7.1805, 30.3135



118.9160, -22.6366, 27.2607

Rectangle

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



109.0420, -3.9647, -35.1168



95.5800, 23.3781, -78.5617



122.4350, 7.1805, 30.3135



120.7510, -12.2022, 40.5604

Sweetspot

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



109.0420, -3.9647, -35.1168



162.4560, -1.7038, -13.5549



114.6630, -22.5119, -12.8595



81.7170, -0.8465, -8.5218



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



109.0420, -3.9647, -35.1168



136.3400, -6.0836, -55.5492



112.4620, 9.1392, -38.1162



63.8640, -0.4260, -3.3887



83.9480, -8.3554, -73.6224



1.8750, -0.4314, -1.6444

Inverse Universe

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



90.9580, 3.9647, 35.1168



107.7740, 6.5204, 55.4492



87.5380, -9.1392, 38.1162



62.1360, 0.4260, 3.3887



46.0520, 8.3554, 73.6224



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 109.0420, -3.9647, -35.1168 looks on a white 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

Black Background



This preview shows how the YUV color 109.0420, -3.9647, -35.1168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

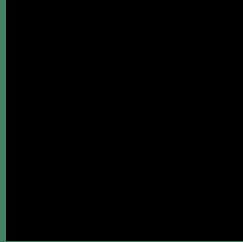
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.0420, -3.9647, -35.1168

Background



This preview shows how black text looks on a background with the YUV color 109.0420, -3.9647, -35.1168.



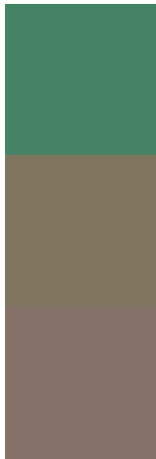
This preview shows how white text looks on a background with the YUV color 109.0420, -3.9647,

-35.1168.

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

109.0420, -3.9647, -35.1168

Protanopia

117.7700, -11.2256, 7.2177

Deuteranopia

119.2530, -7.0267, 13.8101



Tritanopia

112.7880, 11.4435, -30.5091

Trichromacy



Original Color

109.0420, -3.9647, -35.1168

Protanomaly

114.6540, -8.7034, -8.4666

Deuteranomaly

115.4850, -5.6621, -3.9333

Tritanomaly

111.5830, 5.6286, -32.0833

Monochromacy



Original Color

109.0420, -3.9647, -35.1168

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8690, -1.4144, -13.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.0420, -3.9647, -35.1168 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(69, 131, 101)` looks like.

```
.text, #text, p{  
    color:rgb(69, 131, 101)  
}
```

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(69, 131, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 131, 101) }
```

Border

The CSS property to change the border of an element to YUV 109.0420, -3.9647, -35.1168 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(69, 131, 101) }
```


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

```
.border{ border-color:rgb(69, 131, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 131, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 131, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 131, 101);  
box-shadow:4px 4px 4px 4px rgb(69, 131,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 109.0420, -3.9647, -35.1168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 131, 101) }
```

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

```
.background{ background-color: rgb(69, 131,  
101) }
```

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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