

Converting Colors

YUV(36.9360, -9.3354, 54.4301)

Have a look what the booklet for
YUV(36.9360, -9.3354, 54.4301)
contains.

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Color

**YUV(36.9360, -9.3354,
54.4301)**

Conversions

Conversions Part 1

Format	Color
Hex	630912
RGB	99, 9, 18
RGB Percent	39%, 4%, 7%
CMY	0.6118, 0.9647, 0.9294
CMYK	0.00, 0.91, 0.82, 0.61
HSL	354°, 83%, 21%
HSV	354°, 91%, 39%
XYZ	5.3525, 2.8917, 0.8483
YIQ	36.9360, 50.7510, 21.8790

Conversions

Conversions Part 2

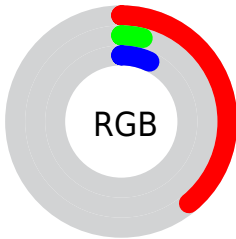
Format	Color
RYB	99, 9, 18
Decimal	6490386
CIELab	19.60, 38.18, 21.67
CIELCh	20, 43.900, 29.575
Yxy	2.8917, 0.5887, 0.3180
Android (android.graphics.Color)	4284680466 (0xFF630912)
YUV	36.9360, -9.3354, 54.4301
Hunter-Lab	17.0050, 26.4256, 8.9457

Details

The YUV color **36.9360, -9.3354, 54.4301** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **71.0640, 9.3354, -54.4301**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.0520, -15.3086, 56.9594**, and **14.2810, -6.0545, 28.6946** is the 20% darker color. If you saturate the color by 10%, you get **30.7410, -10.2253, 59.8631**, and if you desaturate by 10%, it is **43.8320, -8.2982, 48.3823**.

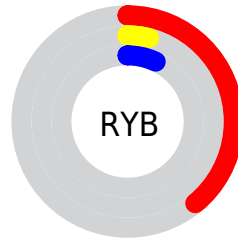
Distribution



Red (39%)

Green (4%)

Blue (7%)



Red (39%)

Yellow (4%)

Blue (7%)

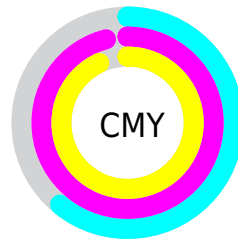


Cyan (0%)

Magenta (91%)

Yellow (82%)

Black (61%)



Cyan (61%)


Magenta (96%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YUV color 36.9360, -9.3354, 54.4301 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 36.9360, -9.3354, 54.4301 by changing the saturation by 10% instead.


 36.9360, -9.3354,
54.4301


 36.9360, -9.3354,
54.4301

 252.9310, -5.3890,
1.8145


 21.5280, -10.6133,
44.2639

 91.0520, -15.3086,
56.9594


 14.2810, -6.0545,
28.6946

 117.0200,
-16.7719, 59.6185

 0.0000, 0.0000,
0.0000

 144.1020,
-17.7983, 62.1775

 171.1840,
-18.8247, 64.7366

 193.5740,
-17.0450, 53.8706

 212.5010,

-13.0650, 37.2716

■ 232.7160, -9.2270,
19.5431

■ 36.9360, -9.3354,
54.4301

■ 36.9360, -9.3354,
54.4301

■ 30.7410, -10.2253,
59.8631

■ 43.8320, -8.2982,
48.3823

■ 50.7280, -7.2609,
42.3345

■ 57.6240, -6.2236,
36.2868

■ 64.5200, -5.1864,
30.2390

■ 71.4160, -4.1491,
24.1912

■ 77.6110, -3.2592,
18.7582

■ 84.5070, -2.2220,
12.7104

■ 91.4030, -1.1847,
6.6626

■ 98.2990, -0.1474,
0.6148

Harmonies

Analogous

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



35.7850, 6.5150, 57.1936



36.9360, -9.3354, 54.4301



43.9000, -21.6427, 35.1677

Triad

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



36.9360, -9.3354, 54.4301



35.8870, -12.2693, -31.4729



43.2920, 33.8730, -37.9671

Complementary

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



36.9360, -9.3354, 54.4301



71.0640, 9.3354, -54.4301

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.



46.3750, 27.9161, -40.6709



36.9360, -9.3354, 54.4301



40.4640, 2.7292, -35.4869

Square

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



36.9360, -9.3354, 54.4301



40.3690, -19.9019, -9.9706



44.6990, 16.4174, -39.2010



46.7090, 28.2445, -5.8838

Rectangle

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



36.9360, -9.3354, 54.4301



45.2850, -22.3255, 20.7981



44.6990, 16.4174, -39.2010



44.9390, 32.5681, -39.4115

Sweetspot

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



36.9360, -9.3354, 54.4301



103.9210, -3.4121, 21.1173



43.4790, 27.3719, 40.7989



49.5070, -2.2220, 12.7104



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



36.9360, -9.3354, 54.4301



39.7540, -13.1897, 77.3917



57.0420, -23.6847, 36.7972



45.1960, -0.5896, 2.4591



34.7420, -11.7048, 67.7553



74.4960, -24.8945, 145.1470

Inverse Universe

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



36.9360, -9.3354, 54.4301



39.7540, -13.1897, 77.3917



50.9580, 23.6847, -36.7972



45.1960, -0.5896, 2.4591



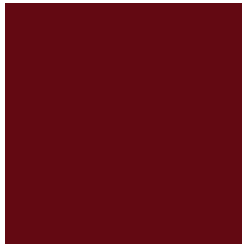
34.7420, -11.7048, 67.7553



74.4960, -24.8945, 145.1470

Previews

White Background



This preview shows how the YUV color 36.9360, -9.3354, 54.4301 looks on a white background.

Color Contrast Check

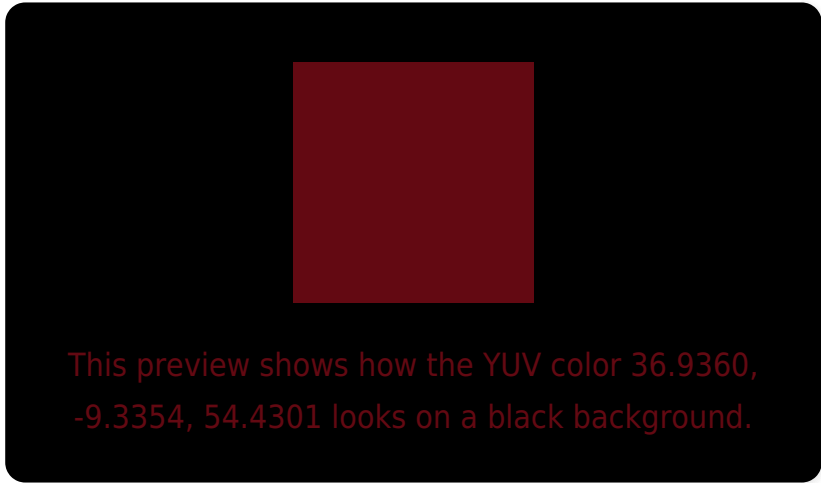
Large Text (above 18pt) WCAG AA ✓ Pass

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

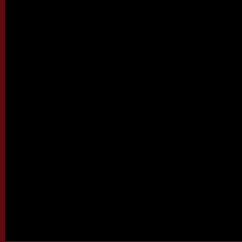
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.9360, -9.3354, 54.4301

Background



This preview shows how black text looks on a background with the YUV color 36.9360, -9.3354, 54.4301.

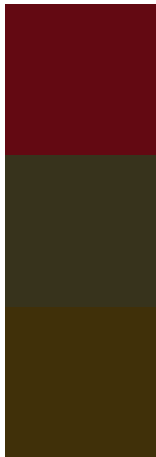


This preview shows how white text looks on a background with the YUV color 36.9360, -9.3354,

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

36.9360, -9.3354, 54.4301

Protanopia

49.5740, -10.6360, 4.7586

Deuteranopia

48.3380, -19.3936, 13.7356



Tritanopia

36.9700, -14.2822, 54.4003

Trichromacy



Original Color

36.9360, -9.3354, 54.4301

Protanomaly

45.0970, -10.4008, 22.7169

Deuteranomaly

44.3490, -15.9481, 28.6349

Tritanomaly

36.8390, -12.2456, 54.5152

Monochromacy



Original Color

36.9360, -9.3354, 54.4301

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.2090, -3.5540, 19.9877

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.9360, -9.3354, 54.4301 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(99, 9, 18)` looks like.

```
.text, #text, p{  
    color:rgb(99, 9, 18)  
}
```

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(99, 9, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 9, 18) }
```

Border

The CSS property to change the border of an element to YUV 36.9360, -9.3354, 54.4301 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(99, 9, 18) }
```


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

```
.border{ border-color:rgb(99, 9, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 9, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 9, 18); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 9, 18); box-shadow:4px  
4px 4px 4px rgb(99, 9, 18) }
```

Background

The CSS property to change the background color of an element to YUV 36.9360, -9.3354, 54.4301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 9, 18) }
```

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

```
.background{ background-color: rgb(99, 9,  
18) }
```

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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