

Converting Colors

YUV(29.3640, -8.5605, 39.1458)

Have a look what the booklet for
YUV(29.3640, -8.5605, 39.1458)
contains.

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Color

**YUV(29.3640, -8.5605,
39.1458)**

Conversions

Conversions Part 1

Format	Color
Hex	4A0A0C
RGB	74, 10, 12
RGB Percent	29%, 4%, 5%
CMY	0.7098, 0.9608, 0.9529
CMYK	0.00, 0.86, 0.84, 0.71
HSL	358°, 76%, 16%
HSV	358°, 86%, 29%
XYZ	2.9989, 1.6995, 0.5178
YIQ	29.3640, 37.5020, 14.1900

Conversions

Conversions Part 2

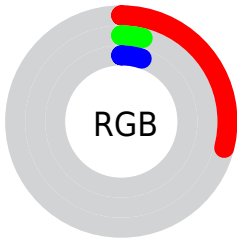
Format	Color
RYB	74, 10, 12
Decimal	4852236
CIELab	13.82, 29.45, 16.43
CIElCh	14, 33.718, 29.158
Yxy	1.6995, 0.5749, 0.3258
Android (android.graphics.Color)	4283042316 (0xFF4A0A0C)
YUV	29.3640, -8.5605, 39.1458
Hunter-Lab	13.0364, 18.2492, 6.7705

Details

The YUV color **29.3640, -8.5605, 39.1458** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **54.6360, 8.5605, -39.1458**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.1750, -11.9183, 42.8195**, and **2.0930, -1.0318, 4.3034** is the 20% darker color. If you saturate the color by 10%, you get **24.4570, -9.5923, 43.4492**, and if you desaturate by 10%, it is **34.2710, -7.5286, 34.8423**.

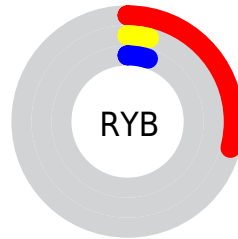
Distribution



Red (29%)

Green (4%)

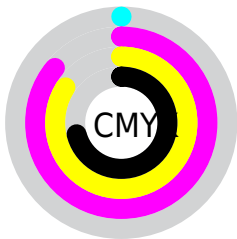
Blue (5%)



Red (29%)

Yellow (4%)

Blue (5%)

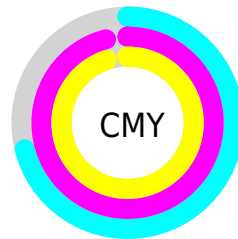


Cyan (0%)

Magenta (86%)

Yellow (84%)

Black (71%)



Cyan (71%)

Magenta (96%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.3640, -8.5605, 39.1458 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 29.3640, -8.5605, 39.1458 by changing the saturation by 10% instead.

■ 29.3640, -8.5605,
39.1458

■ 29.3640, -8.5605,
39.1458

■ 246.2630, -5.5527,
7.6623

■ 14.6510, -7.2229,
30.1241

■ 79.1750, -11.9183,
42.8195

■ 2.0930, -1.0318,
4.3034

■ 103.9580,
-12.7973, 44.7638

■ 0.0000, 0.0000,
0.0000

■ 130.0400,
-13.8237, 47.3229

■ 156.8230,
-14.7027, 49.2672

■ 183.7200,
-15.1450, 51.1116

■ 207.1210,

-13.3707, 41.9899

■ 226.6350, -9.6801,
24.8761

■ 29.3640, -8.5605,
39.1458

■ 29.3640, -8.5605,
39.1458

■ 24.4570, -9.5923,
43.4492

■ 34.2710, -7.5286,
34.8423

■ 22.3540, -10.0345,
45.2935

■ 39.7650, -6.7861,
30.0241

■ 44.7860, -5.3175,
25.6207

■ 50.2800, -4.5750,
20.8024

■ 55.1870, -3.5432,
16.4990

■ 60.0940, -2.5113,
12.1956

■ 65.5880, -1.7689,
7.3773

■ 70.4950, -0.7370,
3.0739

■ 76.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



28.9910, 3.9484, 40.3499



29.3640, -8.5605, 39.1458



32.9250, -16.2320, 26.3758

Triad

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



29.3640, -8.5605, 39.1458



26.5120, -10.1124, -23.2510



32.3550, 24.9680, -28.3753

Complementary

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



29.3640, -8.5605, 39.1458



54.6360, 8.5605, -39.1458

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.



33.9050, 20.7528, -29.7347



29.3640, -8.5605, 39.1458



30.2910, 1.8285, -26.5652

Square

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



29.3640, -8.5605, 39.1458



30.3570, -14.9660, -6.4521



33.0270, 12.3117, -28.9647



34.7710, 20.8189, -4.1842

Rectangle

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



29.3640, -8.5605, 39.1458



33.7450, -16.6363, 16.0096



33.0270, 12.3117, -28.9647



33.4150, 23.9524, -29.3050

Sweetspot

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



29.3640, -8.5605, 39.1458



79.4750, -3.6852, 15.3694



35.8340, 18.8158, 31.7176



37.5990, -1.7743, 9.1217



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



29.3640, -8.5605, 39.1458



29.3450, -12.9881, 59.3334



46.7460, -18.1158, 23.9018



35.3100, -0.1528, 2.3591



30.8400, -13.7251, 62.4073



69.5680, -30.8460, 140.6989

Inverse Universe

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



29.3640, -8.5605, 39.1458



29.3450, -12.9881, 59.3334



37.2540, 18.1158, -23.9018



35.3100, -0.1528, 2.3591



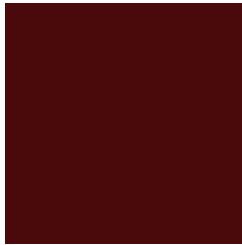
30.8400, -13.7251, 62.4073



69.5680, -30.8460, 140.6989

Previews

White Background



This preview shows how the YUV color 29.3640, -8.5605, 39.1458 looks on a white background.

Color Contrast Check

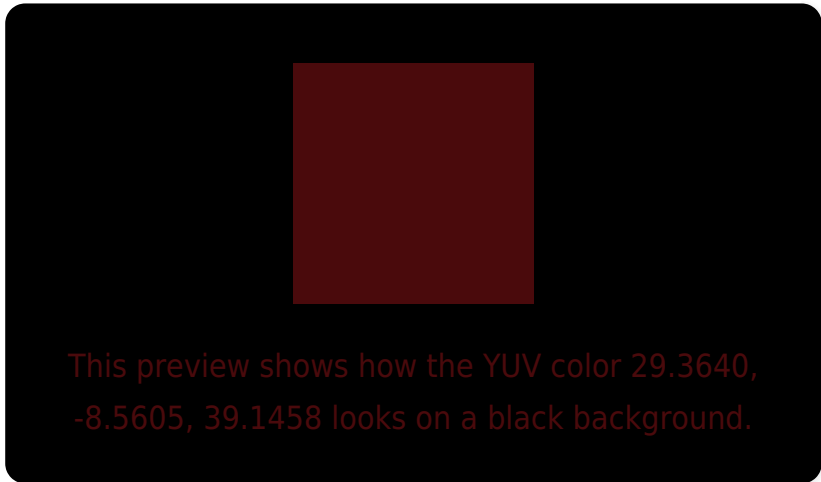
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3640, -8.5605, 39.1458

Background



This preview shows how black text looks on a background with the YUV color 29.3640, -8.5605, 39.1458.

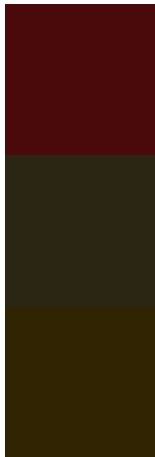


This preview shows how white text looks on a background with the YUV color 29.3640, -8.5605,

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

29.3640, -8.5605, 39.1458

Protanopia

37.0300, -8.8888, 4.3587

Deuteranopia

35.8260, -16.1832, 10.6766



Tritanopia

29.0220, -9.8708, 39.4457

Trichromacy



Original Color

29.3640, -8.5605, 39.1458

Protanomaly

34.4060, -9.0742, 17.1839

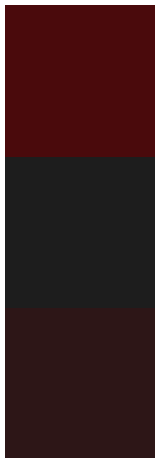
Deuteranomaly

33.5760, -13.5950, 20.5428

Tritanomaly

29.1360, -9.4340, 39.3457

Monochromacy



Original Color

29.3640, -8.5605, 39.1458

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.9910, -2.9536, 14.0399

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.3640, -8.5605, 39.1458 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(74, 10, 12)` looks like.

```
.text, #text, p{  
    color:rgb(74, 10, 12)  
}
```

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(74, 10, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 10, 12) }
```

Border

The CSS property to change the border of an element to YUV 29.3640, -8.5605, 39.1458 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(74, 10, 12) }
```


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

```
.border{ border-color:rgb(74, 10, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 10, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 10, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 10, 12);  
box-shadow:4px 4px 4px 4px rgb(74, 10, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.3640, -8.5605, 39.1458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 10, 12) }
```

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

```
.background{ background-color: rgb(74, 10,  
12) }
```

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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