

Converting Colors

YUV(29.3050, -9.0244, 47.9675)

Have a look what the booklet for
YUV(29.3050, -9.0244, 47.9675)
contains.

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Color

**YUV(29.3050, -9.0244,
47.9675)**

Conversions

Conversions Part 1

Format	Color
Hex	54050B
RGB	84, 5, 11
RGB Percent	33%, 2%, 4%
CMY	0.6706, 0.9804, 0.9569
CMYK	0.00, 0.94, 0.87, 0.67
HSL	355°, 89%, 17%
HSV	355°, 94%, 33%
XYZ	3.7708, 2.0175, 0.5073
YIQ	29.3050, 45.1580, 18.6140

Conversions

Conversions Part 2

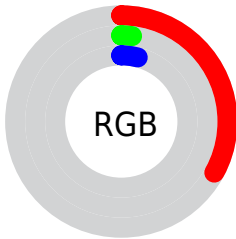
Format	Color
R_{YB}	84, 5, 11
Decimal	5506315
CIE Lab	15.58, 34.41, 19.60
CIE LCh	16, 39.607, 29.668
Yxy	2.0175, 0.5990, 0.3205
Android (android.graphics.Color)	4283696395 (0xFF54050B)
YUV	29.3050, -9.0244, 47.9675
Hunter-Lab	14.2039, 22.5309, 7.8253

Details

The YUV color **29.3050, -9.0244, 47.9675** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **59.6950, 9.0244, -47.9675**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.7630, -13.6872, 50.1968**, and **8.7850, -3.8380, 17.7286** is the 20% darker color. If you saturate the color by 10%, you get **25.8000, -9.7614, 51.0414**, and if you desaturate by 10%, it is **34.9130, -7.8451, 43.0493**.

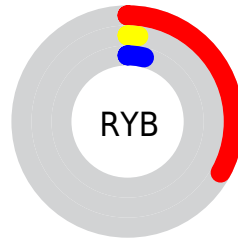
Distribution



Red (33%)

Green (2%)

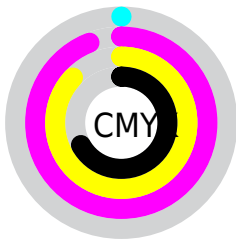
Blue (4%)



Red (33%)

Yellow (2%)

Blue (4%)

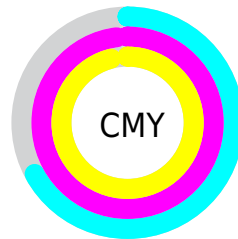


Cyan (0%)

Magenta (94%)

Yellow (87%)

Black (67%)



Cyan (67%)

Magenta (98%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.3050, -9.0244, 47.9675 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 29.3050, -9.0244, 47.9675 by changing the saturation by 10% instead.

■ 29.3050, -9.0244,
47.9675

■ 29.3050, -9.0244,
47.9675

■ 246.7360, -6.2788,
7.2475

■ 17.0430, -8.4022,
35.0423

■ 81.7630, -13.6872,
50.1968

■ 8.7850, -3.8380,
17.7286

■ 107.7310,
-15.1504, 52.8559

■ 0.0000, 0.0000,
0.0000


■ 133.8130,
-16.1768, 55.4150


■ 160.5960,
-17.0558, 57.3593


■ 188.0800,
-17.7874, 58.6888


■ 207.0070,


-13.8075, 42.0899


 226.5210,
-10.1169, 24.9761


 29.3050, -9.0244,
47.9675


 29.3050, -9.0244,
47.9675


 25.8000, -9.7614,
51.0414

 34.9130, -7.8451,
43.0493

 41.1080, -6.9552,
37.6163

 46.6020, -6.2128,
32.7980

 52.7970, -5.3229,
27.3650

 58.4050, -4.1437,
22.4468

■ 64.0130, -2.9644,
17.5286

■ 70.0940, -2.5113,
12.1956

■ 75.7020, -1.3321,
7.2773

■ 81.8970, -0.4422,
1.8443

Harmonies

Analogous

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



30.0890, 5.3791, 48.1569



29.3050, -9.0244, 47.9675



35.9040, -17.7007, 30.7792

Triad

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



29.3050, -9.0244, 47.9675



29.3330, -11.9962, -25.7250



36.1850, 29.4888, -31.7342

Complementary

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



29.3050, -9.0244, 47.9675



59.6950, 9.0244, -47.9675

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.



38.7950, 24.2581, -34.0232



29.3050, -9.0244, 47.9675



33.6820, 2.1288, -29.5391

Square

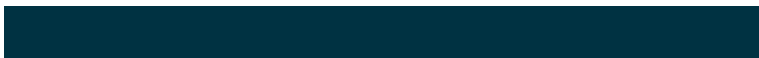
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.3050, -9.0244, 47.9675



32.9930, -16.2655, -9.6409



36.8740, 14.3591, -32.3385



37.7970, 24.7501, -5.0840

Rectangle

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



29.3050, -9.0244, 47.9675



37.0010, -18.2415, 17.5391



36.8740, 14.3591, -32.3385



37.2450, 28.4732, -32.6639

Sweetspot

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



29.3050, -9.0244, 47.9675



88.4970, -3.6960, 18.8581



35.5340, 23.8937, 36.3657



42.7950, -2.3639, 11.5808



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



29.3050, -9.0244, 47.9675



33.8020, -12.7204, 66.8256



47.9920, -21.1951, 31.5790



38.1960, -0.5896, 2.4591



32.3070, -11.9834, 63.7518



71.4200, -26.3361, 140.8287

Inverse Universe

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



29.3050, -9.0244, 47.9675



33.8020, -12.7204, 66.8256



41.0080, 21.1951, -31.5790



38.1960, -0.5896, 2.4591



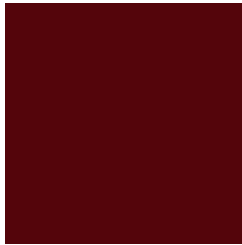
32.3070, -11.9834, 63.7518



71.4200, -26.3361, 140.8287

Previews

White Background



This preview shows how the YUV color 29.3050, -9.0244, 47.9675 looks on a white background.

Color Contrast Check

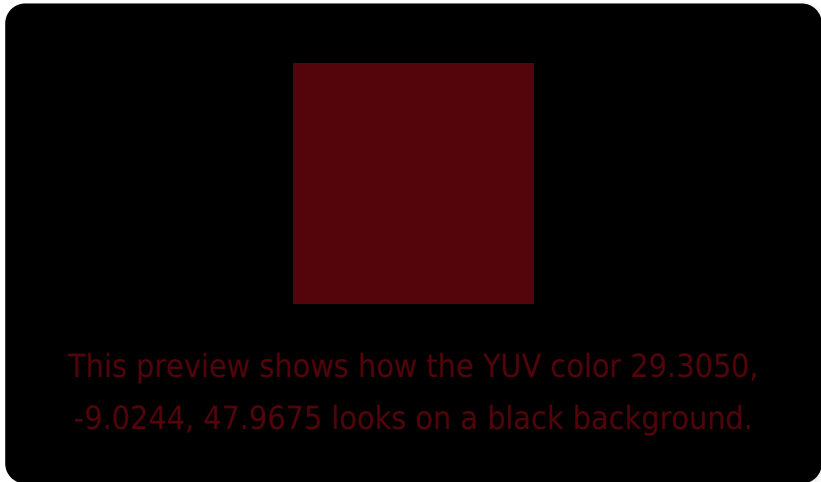
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3050, -9.0244, 47.9675

Background



This preview shows how black text looks on a background with the YUV color 29.3050, -9.0244, 47.9675.

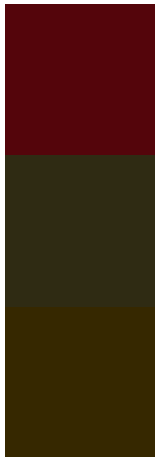


This preview shows how white text looks on a background with the YUV color 29.3050, -9.0244,

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

29.3050, -9.0244, 47.9675

Protanopia

41.4600, -11.0728, 4.8586

Deuteranopia

39.6260, -19.5356, 12.6060

Trichromacy



Original Color

29.3050, -9.0244, 47.9675

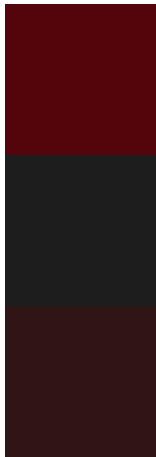
Protanomaly

36.7870, -10.2480, 20.3578

Deuteranomaly

35.7400, -15.6478, 25.6610

Monochromacy



Original Color

29.3050, -9.0244, 47.9675

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.8990, -3.4012, 17.6286

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.3050, -9.0244, 47.9675 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(84, 5, 11)` looks like.

```
.text, #text, p{  
    color:rgb(84, 5, 11)  
}
```

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(84, 5, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 5, 11) }
```

Border

The CSS property to change the border of an element to YUV 29.3050, -9.0244, 47.9675 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(84, 5, 11) }
```

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

```
.border{ border-color:rgb(84, 5, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 5, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 5, 11); -webkit-box-shadow:4px  
4px 4px 4px rgb(84, 5, 11); box-shadow:4px  
4px 4px 4px rgb(84, 5, 11) }
```


Background

The CSS property to change the background color of an element to YUV 29.3050, -9.0244, 47.9675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 5, 11) }
```

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

```
.background{ background-color: rgb(84, 5,  
11) }
```

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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