

Converting Colors

YUV(29.0240, 20.6942, 35.9360)

Have a look what the booklet for
YUV(29.0240, 20.6942, 35.9360)
contains.

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Color

**YUV(29.0240, 20.6942,
35.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	460047
RGB	70, 0, 71
RGB Percent	27%, 0%, 28%
CMY	0.7255, 1.0000, 0.7216
CMYK	0.01, 1.00, 0.00, 0.72
HSL	299°, 100%, 14%
HSV	299°, 100%, 28%
XYZ	3.6631, 1.7570, 6.1073
YIQ	29.0240, 18.9290, 36.9210

Conversions

Conversions Part 2

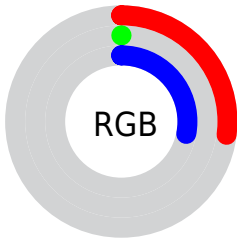
Format	Color
R_{YB}	70, 0, 71
Decimal	4587591
CIE _{Lab}	14.16, 38.91, -24.56
CIE _{LCh}	14, 46.011, 327.733
Yxy	1.7570, 0.3178, 0.1524
Android (android.graphics.Color)	4282777671 (0xFF460047)
YUV	29.0240, 20.6942, 35.9360
Hunter-Lab	13.2553, 26.1320, -18.0389

Details

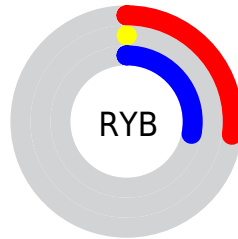
The YUV color **29.0240, 20.6942, 35.9360** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **41.9760, -20.6942, -35.9360**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.5570, 18.9524, 34.5915**, and **8.1610, 9.2876, 7.7518** is the 20% darker color. If you saturate the color by 10%, you get **29.0240, 20.6942, 35.9360**, and if you desaturate by 10%, it is **33.1330, 18.6684, 32.3324**.

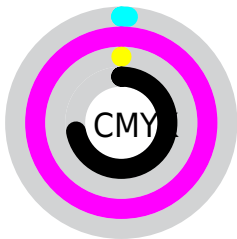
Distribution



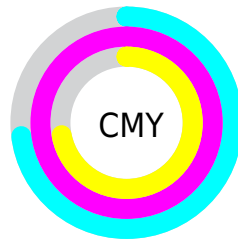
- Red (27%)
- Green (0%)
- Blue (28%)



- Red (27%)
- Yellow (0%)
- Blue (28%)



- Cyan (1%)
- Magenta (100%)
- Yellow (0%)
- Black (72%)



- Cyan (73%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.0240, 20.6942, 35.9360 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 29.0240, 20.6942, 35.9360 by changing the saturation by 10% instead.

■ 29.0240, 20.6942,
35.9360

■ 29.0240, 20.6942,
35.9360

■ 246.7820, 4.0515,
7.2072

■ 19.2260, 14.1856,
23.4808

■ 81.5570, 18.9524,
34.5915

■ 8.1610, 9.2876,
7.7518

■ 107.2690, 19.0944,
35.7211

■ 0.0000, 0.0000,
0.0000

■ 132.9810, 19.2364,
36.8507


■ 159.8070, 19.8151,
37.8803


■ 187.5190, 19.9571,
39.0098


■ 213.9100, 20.2574,


36.0359


 230.3460, 12.1544,
21.6216


 29.0240, 20.6942,
35.9360

 33.1330, 18.6684,
32.3324

 37.2420, 16.6427,
28.7288

 41.3510, 14.6170,
25.1252

 45.4600, 12.5912,
21.5216

 50.1560, 10.2761,
17.4032

■ 54.5640, 8.1029,
14.4144

■ 58.6730, 6.0772,
10.8108

■ 62.7820, 4.0515,
7.2072

■ 66.8910, 2.0257,
3.6036

Harmonies

Analogous

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



31.3380, 30.8924, -15.2054



29.0240, 20.6942, 35.9360



30.8720, 4.5001, 50.1013

Triad

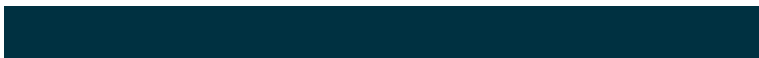
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.0240, 20.6942, 35.9360



34.3100, -16.9148, 12.0061



36.1730, 14.2117, -31.7237

Complementary

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



29.0240, 20.6942, 35.9360



41.9760, -20.6942, -35.9360

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.



31.8240, 0.0868, -27.9096



29.0240, 20.6942, 35.9360



28.8400, -14.2181, -13.0147

Square

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



29.0240, 20.6942, 35.9360



31.5070, -15.5330, 35.5124



27.0020, -13.3120, -23.6808



37.9630, 26.1472, -33.2936

Rectangle

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



29.0240, 20.6942, 35.9360



28.7770, -4.8201, 52.8156



27.0020, -13.3120, -23.6808



35.0330, 9.8437, -30.7239

Sweetspot

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



29.0240, 20.6942, 35.9360



75.2650, 8.2504, 13.7996



8.6810, 30.7233, -7.6132



36.0210, 4.9196, 8.7516



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



29.0240, 20.6942, 35.9360



37.6970, 26.7714, 46.7467



25.4470, 5.6956, 39.9500



33.6520, 1.1576, 2.0592



40.5880, 28.7971, 50.3503



92.8540, 66.1340, 115.0150

Inverse Universe

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



21.3430, -10.0291, 43.5492



27.6220, -13.1246, 56.4595



45.5530, -5.6956, -39.9500



33.1960, -0.5896, 2.4591



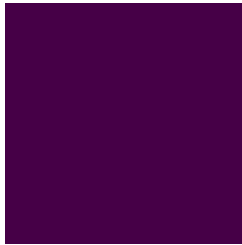
29.7150, -14.1565, 60.7629



68.2150, -32.1510, 139.2544

Previews

White Background



This preview shows how the YUV color 29.0240, 20.6942, 35.9360 looks on a white background.

Color Contrast Check

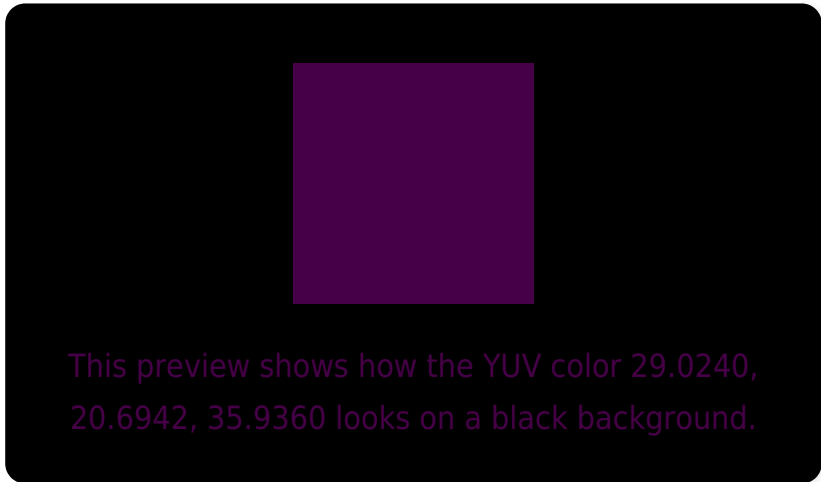
Large Text (above 18pt) WCAG AA ✓ Pass

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

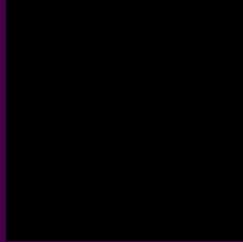
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.0240, 20.6942, 35.9360

Background



This preview shows how black text looks on a background with the YUV color 29.0240, 20.6942, 35.9360.



This preview shows how white text looks on a background with the YUV color 29.0240, 20.6942,

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



Protanopia

32.2410, 24.5312, -28.2754

Deuteranopia

38.5820, 14.0101, -13.6654

Tritanopia

39.2910, -4.5805, 22.5468

Trichromacy



Protanomaly

31.0420, 23.1503, -5.2988

Deuteranomaly

34.9740, 16.2818, 4.4078

Tritanomaly

35.7290, 4.5706, 27.4247

Monochromacy



Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.7380, 7.5242, 13.3848

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.0240, 20.6942, 35.9360 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(70, 0, 71)` looks like.

```
.text, #text, p{  
    color:rgb(70, 0, 71)  
}
```

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(70, 0, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 0, 71) }
```

Border

The CSS property to change the border of an element to YUV 29.0240, 20.6942, 35.9360 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(70, 0, 71) }
```

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

```
.border{ border-color:rgb(70, 0, 71) }
```

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

Here you see how a box with a 4 pixel rgb(70, 0, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 0, 71); -webkit-box-shadow:4px  
4px 4px 4px rgb(70, 0, 71); box-shadow:4px  
4px 4px 4px rgb(70, 0, 71) }
```


Background

The CSS property to change the background color of an element to YUV 29.0240, 20.6942, 35.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 0, 71) }
```

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

```
.background{ background-color: rgb(70, 0,  
71) }
```

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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