

Converting Colors

YUV(29.3230, 20.5468, 36.5507)

Have a look what the booklet for
YUV(29.3230, 20.5468, 36.5507)
contains.

YUV(29.3230, 20.5468, 36.5507)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(29.3230, 20.5468,
36.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	470047
RGB	71, 0, 71
RGB Percent	28%, 0%, 28%
CMY	0.7216, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.00, 0.72
HSL	300°, 100%, 14%
HSV	300°, 100%, 28%
XYZ	3.7359, 1.7945, 6.1107
YIQ	29.3230, 19.5250, 37.1330

Conversions

Conversions Part 2

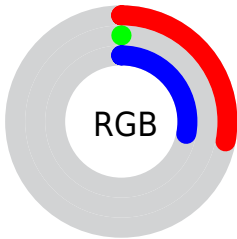
Format	Color
R_{YB}	71, 0, 71
Decimal	4653127
CIE _{Lab}	14.37, 39.10, -24.21
CIE _{LCh}	14, 45.987, 328.233
Yxy	1.7945, 0.3209, 0.1542
Android (android.graphics.Color)	4282843207 (0xFF470047)
YUV	29.3230, 20.5468, 36.5507
Hunter-Lab	13.3960, 26.3370, -17.6685

Details

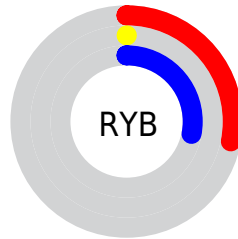
The YUV color **29.3230, 20.5468, 36.5507** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **41.6770, -20.5468, -36.5507**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.8560, 18.8050, 35.2063**, and **8.7590, 8.9928, 8.9814** is the 20% darker color. If you saturate the color by 10%, you get **29.3230, 20.5468, 36.5507**, and if you desaturate by 10%, it is **33.4320, 18.5210, 32.9471**.

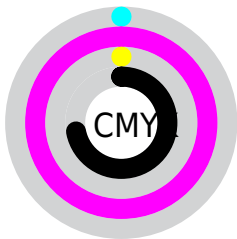
Distribution



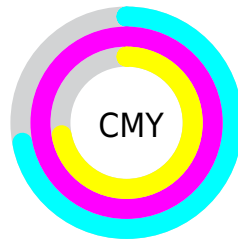
- Red (28%)
- Green (0%)
- Blue (28%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 29.3230, 20.5468, 36.5507 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 29.3230, 20.5468, 36.5507 by changing the saturation by 10% instead.

■ 29.3230, 20.5468,
36.5507

■ 29.3230, 20.5468,
36.5507

■ 247.3690, 3.7621,
6.6924

■ 19.5250, 14.0382,
24.0956

■ 81.8560, 18.8050,
35.2063

■ 8.7590, 8.9928,
8.9814

■ 107.5680, 18.9470,
36.3359

■ 0.0000, 0.0000,
0.0000

■ 134.1660, 18.6522,
37.5654

■ 160.9920, 19.2309,
38.5950

■ 188.4050, 19.5203,
39.1098

■ 213.9100, 20.2574,

36.0359

■ 230.3460, 12.1544,
21.6216

■ 29.3230, 20.5468,
36.5507

■ 33.4320, 18.5210,
32.9471

■ 37.5410, 16.4953,
29.3435

■ 41.6500, 14.4695,
25.7400

■ 45.7590, 12.4438,
22.1364

■ 50.4550, 10.1287,
18.0180

■ 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.



32.8220, 30.1608, -13.8759



29.3230, 20.5468, 36.5507



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.



29.3230, 20.5468, 36.5507



34.8970, -17.2042, 11.4913



36.2870, 14.6485, -31.8237

Complementary

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



29.3230, 20.5468, 36.5507



41.6770, -20.5468, -36.5507

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.



32.5250, 0.2342, -28.5244



29.3230, 20.5468, 36.5507



29.4270, -14.5075, -13.5295

Square

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



29.3230, 20.5468, 36.5507



32.0940, -15.8223, 34.9976



27.5890, -13.6014, -24.1956



38.6640, 26.2946, -33.9083

Rectangle

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



29.3230, 20.5468, 36.5507



28.6630, -5.2569, 52.9155



27.5890, -13.6014, -24.1956



35.1470, 10.2805, -30.8239

Sweetspot

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



29.3230, 20.5468, 36.5507



75.5640, 8.1029, 14.4144



8.0940, 31.0127, -7.0984



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.



29.3230, 20.5468, 36.5507



37.9960, 26.6240, 47.3615



25.3330, 5.2588, 40.0500



33.6520, 1.1576, 2.0592



40.8870, 28.6497, 50.9651



93.7510, 65.6918, 116.8594

Inverse Universe

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



29.3230, 20.5468, 36.5507



37.9960, 26.6240, 47.3615



45.7810, -4.8220, -40.1499



33.6520, 1.1576, 2.0592



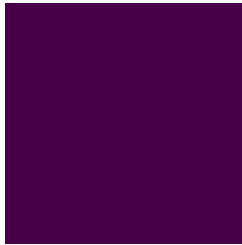
40.8870, 28.6497, 50.9651



93.7510, 65.6918, 116.8594

Previews

White Background



This preview shows how the YUV color 29.3230, 20.5468, 36.5507 looks on a white background.

Color Contrast Check

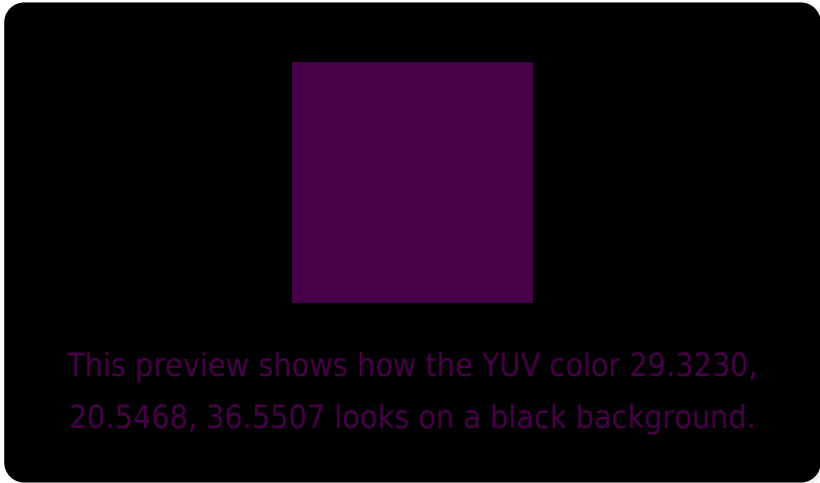
Large Text (above 18pt) WCAG AA ✓ Pass

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

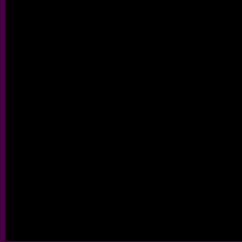
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.3230, 20.5468, 36.5507

Background



This preview shows how black text looks on a background with the YUV color 29.3230, 20.5468, 36.5507.



This preview shows how white text looks on a background with the YUV color 29.3230, 20.5468,

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

32.3550, 24.9680, -28.3753

Deuteranopia

38.8810, 13.8627, -13.0506

Tritanopia

39.8890, -4.8753, 23.7763

Trichromacy



Protanomaly

31.4550, 23.4397, -4.7840

Deuteranomaly

35.2730, 16.1344, 5.0226

Tritanomaly

36.0280, 4.4232, 28.0394

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 29.3230, 20.5468, 36.5507 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(71, 0, 71)` looks like.

```
.text, #text, p{  
    color:rgb(71, 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(71, 0, 71) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 29.3230, 20.5468, 36.5507 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(71, 0, 71) }
```

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

```
.border{ border-color:rgb(71, 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(71, 0, 71)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to YUV 29.3230, 20.5468, 36.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(71, 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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