

Converting Colors

YUV(36.7260, 15.9111, 30.0583)

Have a look what the booklet for
YUV(36.7260, 15.9111, 30.0583)
contains.

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Color

**YUV(36.7260, 15.9111,
30.0583)**

Conversions

Conversions Part 1

Format	Color
Hex	470D45
RGB	71, 13, 69
RGB Percent	28%, 5%, 27%
CMY	0.7216, 0.9490, 0.7294
CMYK	0.00, 0.82, 0.03, 0.72
HSL	302°, 69%, 16%
HSV	302°, 82%, 28%
XYZ	3.8166, 2.0571, 5.8261
YIQ	36.7260, 16.5920, 29.7120

Conversions

Conversions Part 2

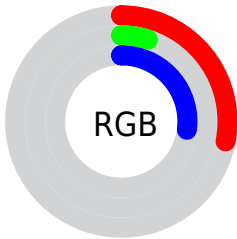
Format	Color
R_{YB}	71, 13, 69
Decimal	4656453
CIE _{Lab}	15.78, 34.22, -20.56
CIE _{LCh}	16, 39.922, 328.994
Yxy	2.0571, 0.3262, 0.1758
Android (android.graphics.Color)	4282846533 (0xFF470D45)
YUV	36.7260, 15.9111, 30.0583
Hunter-Lab	14.3426, 22.4000, -14.0444

Details

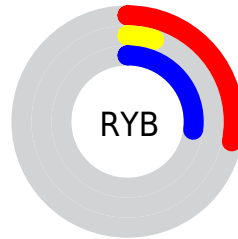
The YUV color **36.7260, 15.9111, 30.0583** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **47.2740, -15.9111, -30.0583**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.3240, 15.6163, 31.2879**, and **9.5420, 8.1138, 10.9257** is the 20% darker color. If you saturate the color by 10%, you get **32.6170, 17.9368, 33.6619**, and if you desaturate by 10%, it is **40.8350, 13.8853, 26.4547**.

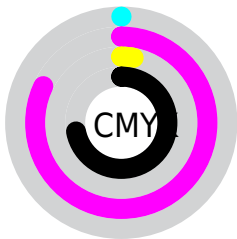
Distribution



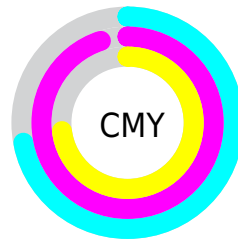
- Red (28%)
- Green (5%)
- Blue (27%)



- Red (28%)
- Yellow (5%)
- Blue (27%)



- Cyan (0%)
- Magenta (82%)
- Yellow (3%)
- Black (72%)





- Cyan (72%)
- Magenta (95%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the YUV color 36.7260, 15.9111, 30.0583 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 36.7260, 15.9111, 30.0583 by changing the saturation by 10% instead.


 36.7260, 15.9111,
30.0583


 36.7260, 15.9111,
30.0583


 252.0650, 1.4470,
2.5740


 19.2970, 13.1646,
24.2955


 86.3240, 15.6163,
31.2879


 9.5420, 8.1138,
10.9257

 111.6230, 15.4689,
31.9026

 0.0000, 0.0000,
0.0000


 137.7480, 15.9002,
33.5470


 164.1610, 16.1896,
34.0618


 191.8730, 16.3316,
35.1914


 218.4920, 17.5054,


32.0175


 235.0420, 9.8393,
17.5032


 36.7260, 15.9111,
30.0583


 36.7260, 15.9111,
30.0583


 32.6170, 17.9368,
33.6619


 40.8350, 13.8853,
26.4547

 29.0950, 19.6732,
36.7507

 44.9440, 11.8596,
22.8511

 49.1670, 10.2707,
19.1475

 53.2760, 8.2449,
15.5439

 57.9720, 5.9298,
11.4256

■ 62.0810, 3.9041,
7.8220

■ 66.3040, 2.3151,
4.1184

■ 70.4130, 0.2894,
0.5148

■ 74.5220, -1.7363,
-3.0888

Harmonies

Analogous

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



38.3130, 25.4817, -6.4135



36.7260, 15.9111, 30.0583



30.5020, 5.6685, 48.6717

Triad

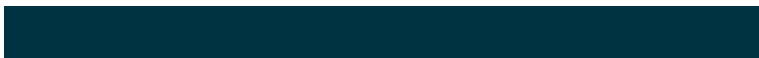
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.7260, 15.9111, 30.0583



37.5550, -18.5146, 11.7913



37.4610, 14.0697, -32.8533

Complementary

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



36.7260, 15.9111, 30.0583



47.2740, -15.9111, -30.0583

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.



34.2690, 1.8394, -30.0539



36.7260, 15.9111, 30.0583



33.2920, -16.4130, -9.0261

Square

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



36.7260, 15.9111, 30.0583



36.2030, -17.8481, 31.3940



29.2190, -12.4330, -25.6251



38.7950, 24.2581, -34.0232

Rectangle

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



36.7260, 15.9111, 30.0583



28.6350, -2.7781, 51.1861



29.2190, -12.4330, -25.6251



36.4350, 10.1385, -31.9535

Sweetspot

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



36.7260, 15.9111, 30.0583



78.3850, 6.2192, 11.9404



20.2100, 25.0395, -4.5692



37.6680, 3.6147, 7.3072



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.



36.7260, 15.9111, 30.0583



38.8280, 24.7348, 46.6318



33.4200, 3.2439, 32.9577



33.6520, 1.1576, 2.0592



40.5450, 27.3393, 51.2650



92.8390, 62.1974, 117.6592

Inverse Universe

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



36.7260, 15.9111, 30.0583



38.8280, 24.7348, 46.6318



50.5800, -3.2439, -32.9577



33.6520, 1.1576, 2.0592



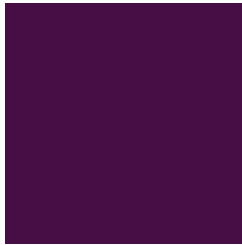
40.5450, 27.3393, 51.2650



92.8390, 62.1974, 117.6592

Previews

White Background



This preview shows how the YUV color 36.7260, 15.9111, 30.0583 looks on a white background.

Color Contrast Check

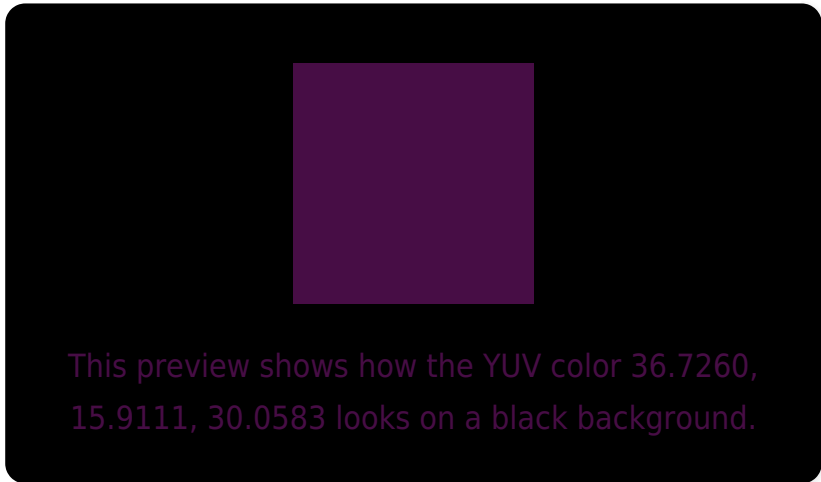
Large Text (above 18pt) WCAG AA ✓ Pass

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

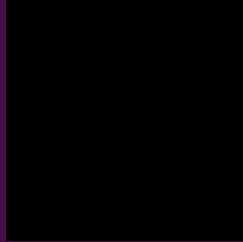
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.7260, 15.9111, 30.0583

Background



This preview shows how black text looks on a background with the YUV color 36.7260, 15.9111, 30.0583.



This preview shows how white text looks on a background with the YUV color 36.7260, 15.9111,

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

36.7260, 15.9111, 30.0583

Protanopia

33.1700, 25.5522, -29.0901

Deuteranopia

40.1480, 12.2520, -9.7768



Tritanopia

40.5900, -4.7279, 23.1616

Trichromacy



Original Color

36.7260, 15.9111, 30.0583

Protanomaly

34.3900, 21.9927, -7.3580

Deuteranomaly

38.8770, 13.3716, 4.4929

Tritanomaly

38.9630, 2.9762, 25.4654

Monochromacy



Original Color

36.7260, 15.9111, 30.0583

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.6730, 6.0772, 10.8108

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.7260, 15.9111, 30.0583 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, 13, 69)` looks like.

```
.text, #text, p{  
    color:rgb(71, 13, 69)  
}
```

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, 13, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 13, 69) }
```

Border

The CSS property to change the border of an element to YUV 36.7260, 15.9111, 30.0583 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, 13, 69) }
```


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

```
.border{ border-color:rgb(71, 13, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 13, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 13, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 13, 69);  
box-shadow:4px 4px 4px 4px rgb(71, 13, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.7260, 15.9111, 30.0583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 13, 69) }
```

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

```
.background{ background-color: rgb(71, 13,  
69) }
```

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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