

Converting Colors

YUV(72.6290, 13.0009, 30.1434)

Have a look what the booklet for
YUV(72.6290, 13.0009, 30.1434)
contains.

YUV(72.6290, 13.0009, 30.1434)	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>	31

Color

**YUV(72.6290, 13.0009,
30.1434)**

Conversions

Conversions Part 1

Format	Color
Hex	6B3263
RGB	107, 50, 99
RGB Percent	42%, 20%, 39%
CMY	0.5804, 0.8039, 0.6118
CMYK	0.00, 0.53, 0.07, 0.58
HSL	308°, 36%, 31%
HSV	308°, 53%, 42%
XYZ	9.4561, 6.3079, 12.5235
YIQ	72.6290, 18.2430, 27.3230

Conversions

Conversions Part 2

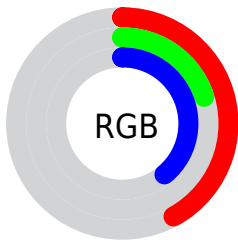
Format	Color
R_{YB}	107, 50, 99
Decimal	7025251
CIE _{Lab}	30.18, 32.65, -17.65
CIE _{LCh}	30, 37.113, 331.604
Yxy	6.3079, 0.3343, 0.2230
Android (android.graphics.Color)	4285215331 (0xFF6B3263)
YUV	72.6290, 13.0009, 30.1434
Hunter-Lab	25.1154, 23.2544, -11.9835

Details

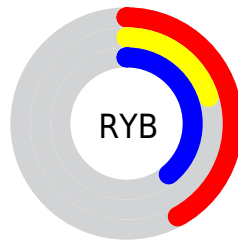
The YUV color **72.6290, 13.0009, 30.1434** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **84.3710, -13.0009, -30.1434**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.0530, 13.2849, 32.4025**, and **23.5580, 14.0219, 29.3286** is the 20% darker color. If you saturate the color by 10%, you get **65.9440, 15.3106, 36.0061**, and if you desaturate by 10%, it is **79.3140, 10.6912, 24.2806**.

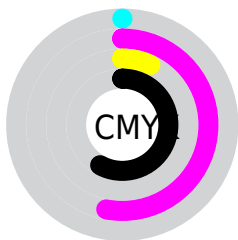
Distribution



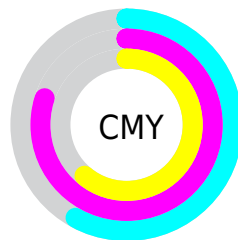
- Red (42%)
- Green (20%)
- Blue (39%)



- Red (42%)
- Yellow (20%)
- Blue (39%)



- Cyan (0%)
- Magenta (53%)
- Yellow (7%)
- Black (58%)



- Cyan (58%)
- Magenta (80%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.6290, 13.0009, 30.1434 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 72.6290, 13.0009, 30.1434 by changing the saturation by 10% instead.

■ 72.6290, 13.0009,
30.1434

■ 72.6290, 13.0009,
30.1434

■ 255.0000, 0.0000,
0.0000

■ 48.3300, 13.1483,
29.5286

■ 123.0530, 13.2849,
32.4025

■ 23.5580, 14.0219,
29.3286

■ 149.4660, 13.5743,
32.9173

■ 14.8960, 7.9393,
20.2622

■ 176.4770, 13.5688,
34.6617

■ 0.2280, 0.8736,
-0.2000

■ 203.8900, 13.8582,
35.1765

■ 0.0000, 0.0000,
0.0000

■ 226.2370, 14.1802,
25.2252

■ 242.6730, 6.0772,

10.8108

■ 72.6290, 13.0009,
30.1434

■ 72.6290, 13.0009,
30.1434

■ 65.9440, 15.3106,
36.0061

■ 79.3140, 10.6912,
24.2806

■ 59.9600, 17.7677,
41.2541

■ 85.2980, 8.2341,
19.0327

■ 53.2750, 20.0774,
47.1168

■ 91.9830, 5.9244,
13.1699

■ 46.7040, 22.8239,
52.8796

■ 98.5540, 3.1779,
7.4071

■ 42.4810, 24.4129,
56.5832

■ 105.2390, 0.8682,
1.5444

■ 111.2230, -1.5889,
-3.7036

■ 117.9080, -3.8986,
-9.5663

■ 124.4790, -6.6451,
-15.3291

■ 130.5770, -8.6655,
-20.6770

Harmonies

Analogous

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



72.4880, 23.4234, 0.4490



72.6290, 13.0009, 30.1434



69.8130, 0.5852, 45.7680

Triad

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



72.6290, 13.0009, 30.1434



66.7760, -30.4556, 15.1054



60.8220, 19.8078, -53.3409

Complementary

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



72.6290, 13.0009, 30.1434



84.3710, -13.0009, -30.1434

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.



58.1030, 6.8512, -50.9563



72.6290, 13.0009, 30.1434



64.1690, -23.2543, -8.0412

Square

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



72.6290, 13.0009, 30.1434



68.7920, -24.5475, 33.5084



53.8080, -5.8213, -46.3126



61.4550, 29.8487, -53.8960

Rectangle

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



72.6290, 13.0009, 30.1434



69.1200, -8.4402, 47.2528



53.8080, -5.8213, -46.3126



60.2690, 15.1504, -52.8559

Sweetspot

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



72.6290, 13.0009, 30.1434



126.7440, 5.0562, 11.6255



58.8900, 23.7182, -0.7805



63.1410, 2.8885, 6.8923



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



72.6290, 13.0009, 30.1434



85.8020, 20.8036, 47.5316



69.4370, 0.7706, 32.9428



50.3640, 1.2995, 3.1888



46.4970, 26.8700, 61.8311



97.1950, 55.6129, 129.6250

Inverse Universe

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



72.6290, 13.0009, 30.1434



85.8020, 20.8036, 47.5316



87.5630, -0.7706, -32.9428



50.3640, 1.2995, 3.1888



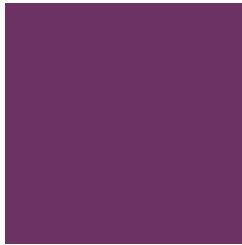
46.4970, 26.8700, 61.8311



97.1950, 55.6129, 129.6250

Previews

White Background



This preview shows how the YUV color 72.6290, 13.0009, 30.1434 looks on a white background.

Color Contrast Check

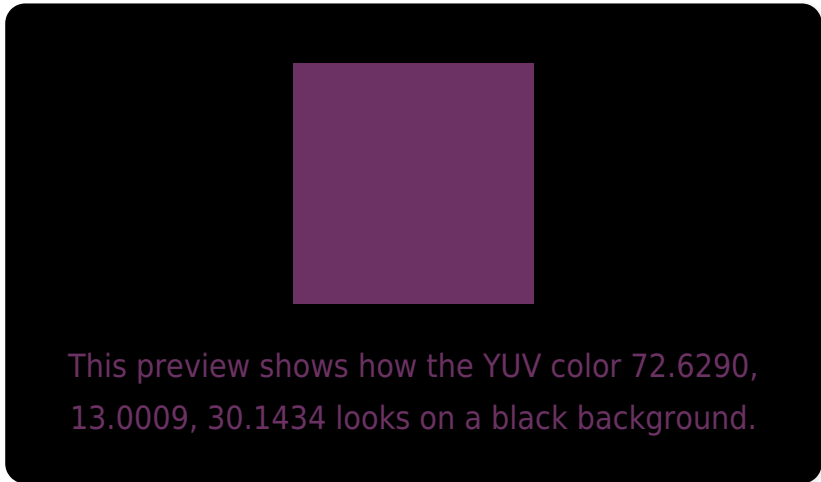
Large Text (above 18pt) WCAG AA ✓ Pass

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

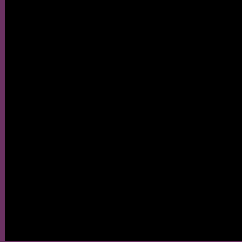
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.6290, 13.0009, 30.1434

Background



This preview shows how black text looks on a background with the YUV color 72.6290, 13.0009, 30.1434.



This preview shows how white text looks on a background with the YUV color 72.6290, 13.0009,

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

72.6290, 13.0009, 30.1434

Protanopia

70.4600, 22.4512, -14.4354

Deuteranopia

72.2410, 11.2202, -5.4734



Tritanopia

72.6120, -4.7387, 26.6503

Trichromacy



Original Color

72.6290, 13.0009, 30.1434

Protanomaly

71.3480, 19.0554, 1.4488

Deuteranomaly

72.1440, 11.7610, 7.7667

Tritanomaly

72.6320, 1.6604, 27.5097

Monochromacy



Original Color

72.6290, 13.0009, 30.1434

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9180, 4.4774, 10.5959

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.6290, 13.0009, 30.1434 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(107, 50, 99)` looks like.

```
.text, #text, p{  
    color:rgb(107, 50, 99)  
}
```

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(107, 50, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 50, 99) }
```

Border

The CSS property to change the border of an element to YUV 72.6290, 13.0009, 30.1434 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(107, 50, 99) }
```


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

```
.border{ border-color:rgb(107, 50, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 50, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 50, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 50, 99);  
box-shadow:4px 4px 4px 4px rgb(107, 50,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 72.6290, 13.0009, 30.1434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 50, 99) }
```

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

```
.background{ background-color: rgb(107, 50,  
99) }
```

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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