

Converting Colors

YUV(72.8370, 30.6464,
-29.6750)

Have a look what the booklet for
YUV(72.8370, 30.6464, -29.6750)
contains.

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Color

**YUV(72.8370, 30.6464,
-29.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	274E87
RGB	39, 78, 135
RGB Percent	15%, 31%, 53%
CMY	0.8471, 0.6941, 0.4706
CMYK	0.71, 0.42, 0.00, 0.47
HSL	216°, 55%, 34%
HSV	216°, 71%, 53%
XYZ	7.9343, 7.6294, 23.9761
YIQ	72.8370, -41.5410, 9.4590

Conversions

Conversions Part 2

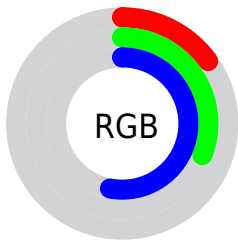
Format	Color
R_{YB}	39, 67, 135
Decimal	2576007
CIE _{Lab}	33.20, 6.46, -35.95
CIE _{LCh}	33, 36.523, 280.183
Yxy	7.6294, 0.2007, 0.1930
Android (android.graphics.Color)	4280766087 (0xFF274E87)
YUV	72.8370, 30.6464, -29.6750
Hunter-Lab	27.6213, 2.9370, -32.1305

Details

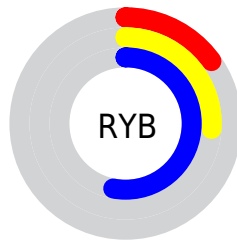
The YUV color **72.8370, 30.6464, -29.6750** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **101.1630, -30.6464, 29.6750**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.7990, 31.6511, -25.2567**, and **30.2350, 26.9991, -26.5161** is the 20% darker color. If you saturate the color by 10%, you get **64.2540, 34.8778, -33.5488**, and if you desaturate by 10%, it is **81.7190, 26.2675, -25.1866**.

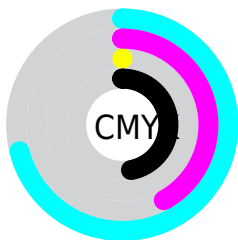
Distribution



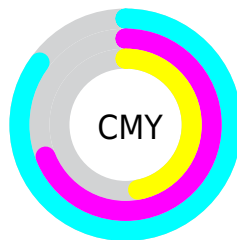
- Red (15%)
- Green (31%)
- Blue (53%)



- Red (15%)
- Yellow (26%)
- Blue (53%)



- Cyan (71%)
- Magenta (42%)
- Yellow (0%)
- Black (47%)



- Cyan (85%)
- Magenta (69%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8370, 30.6464, -29.6750 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 72.8370, 30.6464, -29.6750 by changing the saturation by 10% instead.

■ 72.8370, 30.6464,
-29.6750

■ 72.8370, 30.6464,
-29.6750

■ 255.0000, 0.0000,
0.0000

■ 45.2980, 31.4051,
-39.7263

■ 124.7990, 31.6511,
-25.2567

■ 30.2350, 26.9991,
-26.5161

■ 150.7390, 32.6667,
-24.3271

■ 13.9980, 23.1720,
-12.2762

■ 178.1520, 32.9561,
-23.8123

■ 6.2070, 16.1669,
-5.4435

■ 204.1000, 25.0937,
-22.0127

■ 2.4110, 6.6994,
-2.1144

■ 229.2070, 12.7159,
-18.5985

■ 0.0000, 0.0000,
0.0000

■ 249.6180, 2.6533,

-11.0660

■ 72.8370, 30.6464,
-29.6750

■ 72.8370, 30.6464,
-29.6750

■ 64.2540, 34.8778,
-33.5488

■ 81.7190, 26.2675,
-25.1866

■ 55.3720, 39.2566,
-38.0372

■ 90.3020, 22.0361,
-21.3129

■ 47.6750, 43.0512,
-41.8110

■ 98.8850, 17.8047,
-17.4391

■ 107.7670, 13.4259,
-12.9507

■ 116.6490, 9.0470,
-8.4622

■ 125.2320, 4.8156,
-4.5885

■ 133.8150, 0.5842,
-0.7148

■ 142.6970, -3.7946,
3.7737

■ 151.5790, -8.1734,
8.2622

Harmonies

Analogous

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



65.5300, 32.7697, -57.4698



72.8370, 30.6464, -29.6750



80.1580, 20.6281, 10.3854

Triad

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



72.8370, 30.6464, -29.6750



76.5080, -17.0124, 43.4045



59.9150, -1.4371, -52.5455

Complementary

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



72.8370, 30.6464, -29.6750



101.1630, -30.6464, 29.6750

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.



70.4500, -19.4489, -15.3037



72.8370, 30.6464, -29.6750



76.0750, -27.1520, 28.8752

Square

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



72.8370, 30.6464, -29.6750



76.9720, -3.9302, 47.3826



73.7860, -28.9815, 8.9577



63.9220, 11.3775, -56.0596

Rectangle

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



72.8370, 30.6464, -29.6750



80.0310, 13.2957, 28.9138



73.7860, -28.9815, 8.9577



64.2820, -8.0270, -38.8353

Sweetspot

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



72.8370, 30.6464, -29.6750



152.0230, 11.8207, -11.4212



101.7360, -3.3208, -55.0195



74.7910, 7.0050, -6.8327



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



72.8370, 30.6464, -29.6750



78.9070, 47.8668, -46.3994



52.3360, 40.7534, -4.6797



61.8580, 2.0420, -1.6295



45.9310, 41.4460, -40.2815



0.9290, 1.0210, -0.8147

Inverse Universe

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



72.1500, 2.8841, 55.1195



77.8040, 4.5336, 86.1179



121.6640, -40.7534, 4.6797



62.0220, -0.0108, 3.4887



44.9120, 3.9874, 74.6222



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 72.8370, 30.6464, -29.6750 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



This preview shows how the YUV color 72.8370, 30.6464, -29.6750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

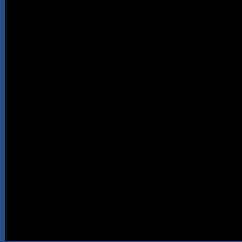
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.8370, 30.6464, -29.6750

Background



This preview shows how black text looks on a background with the YUV color 72.8370, 30.6464, -29.6750.



This preview shows how white text looks on a background with the YUV color 72.8370, 30.6464,

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

72.8370, 30.6464, -29.6750

Protanopia

75.6210, 28.2878, -19.8386

Deuteranopia

71.6300, 31.2414, -33.8785



Tritanopia

61.6710, 15.4452, -54.0855

Trichromacy



Original Color

72.8370, 30.6464, -29.6750

Protanomaly

74.8270, 29.1723, -23.5273

Deuteranomaly

72.2280, 30.9466, -32.6490

Tritanomaly

65.8060, 20.8016, -45.4339

Monochromacy



Original Color

72.8370, 30.6464, -29.6750

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.2080, 11.2365, -10.7064

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8370, 30.6464, -29.6750 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(39, 78, 135)` looks like.

```
.text, #text, p{  
    color:rgb(39, 78, 135)  
}
```

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(39, 78, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 78, 135) }
```

Border

The CSS property to change the border of an element to YUV 72.8370, 30.6464, -29.6750 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(39, 78, 135) }
```


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

```
.border{ border-color:rgb(39, 78, 135) }
```

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

Here you see how a box with a 4 pixel rgb(39, 78, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 78, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 78, 135);  
box-shadow:4px 4px 4px 4px rgb(39, 78,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 72.8370, 30.6464, -29.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 78, 135) }
```

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

```
.background{ background-color: rgb(39, 78,  
135) }
```

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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