

Converting Colors

YUV(72.3530, -25.8100,
-28.3736)

Have a look what the booklet for
YUV(72.3530, -25.8100, -28.3736)
contains.

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Color

**YUV(72.3530, -25.8100,
-28.3736)**

Conversions

Conversions Part 1

Format	Color
Hex	286314
RGB	40, 99, 20
RGB Percent	16%, 39%, 8%
CMY	0.8431, 0.6118, 0.9216
CMYK	0.60, 0.00, 0.80, 0.61
HSL	105°, 66%, 23%
HSV	105°, 80%, 39%
XYZ	5.4632, 9.4253, 2.1931
YIQ	72.3530, -9.8050, -37.0770

Conversions

Conversions Part 2

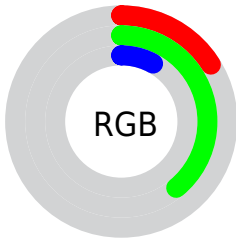
Format	Color
RYB	20, 99, 79
Decimal	2646804
CIELab	36.79, -34.58, 36.60
CIElCh	37, 50.356, 133.376
Yxy	9.4253, 0.3198, 0.5518
Android (android.graphics.Color)	4280836884 (0xFF286314)
YUV	72.3530, -25.8100, -28.3736
Hunter-Lab	30.7007, -21.9621, 17.2550

Details

The YUV color **72.3530, -25.8100, -28.3736** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **46.6470, 25.8100, 28.3736**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.7230, -26.9784, -26.9441**, and **29.9370, -14.7589, -26.2547** is the 20% darker color. If you saturate the color by 10%, you get **69.1200, -29.1462, -31.6772**, and if you desaturate by 10%, it is **75.5860, -22.4739, -25.0699**.

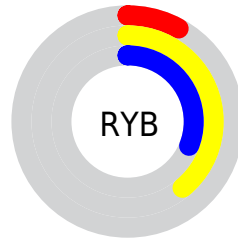
Distribution



Red (16%)

Green (39%)

Blue (8%)



Red (8%)

Yellow (39%)

Blue (31%)

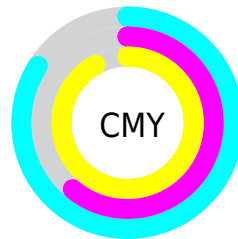


Cyan (60%)

Magenta (0%)

Yellow (80%)

Black (61%)



Cyan (84%)

Magenta (61%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.3530, -25.8100, -28.3736 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 72.3530, -25.8100, -28.3736 by changing the saturation by 10% instead.

■ 72.3530, -25.8100,
-28.3736

■ 72.3530, -25.8100,
-28.3736

255.0000, 0.0000,
0.0000

■ 46.4170, -22.8836,
-33.6917

■ 123.7230,
-26.9784, -26.9441

■ 29.9370, -14.7589,
-26.2547

■ 150.1960,
-27.7046, -27.3589

■ 18.7840, -9.2605,
-16.4736

■ 177.6690,
-28.4308, -27.7737


■ 0.0000, 0.0000,
0.0000


■ 205.4410,
-29.3044, -27.5738


■ 229.8050,
-28.0049, -24.3850


■ 241.6680,


-20.0493, -9.3558


 252.0360,
-11.3567, 2.5994


 72.3530, -25.8100,
-28.3736


 72.3530, -25.8100,
-28.3736


 69.1200, -29.1462,
-31.6772


 75.5860, -22.4739,
-25.0699

 65.5880, -32.3349,
-35.5957

 79.1180, -19.2852,
-21.1515

 82.3510, -15.9490,
-17.8478

 85.8830, -12.7603,
-13.9294

 89.1160, -9.4242,
-10.6257

■ 92.2350, -6.5249,
-7.2221

■ 95.7670, -3.3361,
-3.3037

■ 99.0000, 0.0000,
0.0000

■ 102.5320, 3.1887,
3.9184

Harmonies

Analogous

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



79.1420, -39.0170, 7.7685



72.3530, -25.8100, -28.3736



67.5290, -2.7258, -59.2229

Triad

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



72.3530, -25.8100, -28.3736



75.6350, 43.5639, -66.3319



80.4630, -5.1583, 67.9999

Complementary

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



72.3530, -25.8100, -28.3736



46.6470, 25.8100, 28.3736

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.



84.1960, 13.2144, 55.0791



72.3530, -25.8100, -28.3736



74.2010, 45.2569, -49.2883

Square

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



72.3530, -25.8100, -28.3736



76.6490, 32.2180, -67.2212



89.1620, 28.0211, 19.1519



81.9460, -24.6234, 57.9294

Rectangle

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



72.3530, -25.8100, -28.3736



71.8950, 8.9258, -63.0519



89.1620, 28.0211, 19.1519



81.1730, 1.3937, 66.5003

Sweetspot

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



72.3530, -25.8100, -28.3736



117.5890, -10.1504, -11.0406



77.6670, -28.4298, 18.7090



57.6480, -6.2355, -6.7073



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



72.3530, -25.8100, -28.3736



86.4700, -40.1647, -44.2622



68.4250, -14.9995, -42.4687



46.6470, -1.3050, -1.4444



74.1160, -36.5392, -40.4437



159.1190, -78.4457, -86.0504

Inverse Universe

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



46.6470, 25.8100, 28.3736



46.5300, 40.1647, 44.2622



50.5750, 14.9995, 42.4687



45.3530, 1.3050, 1.4444



37.8840, 36.5392, 40.4437



80.8810, 78.4457, 86.0504

Previews

White Background



This preview shows how the YUV color 72.3530, -25.8100, -28.3736 looks on a white background.

Color Contrast Check

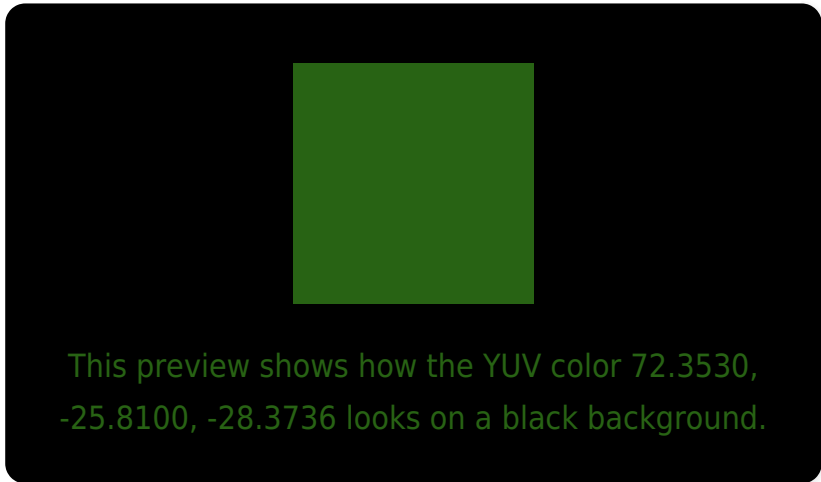
Large Text (above 18pt) WCAG AA ✓ Pass

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

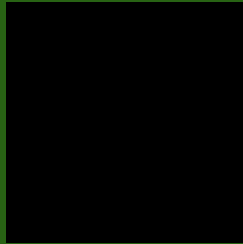
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.3530, -25.8100, -28.3736

Background



This preview shows how black text looks on a background with the YUV color 72.3530, -25.8100, -28.3736.



This preview shows how white text looks on a background with the YUV color 72.3530, -25.8100,

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

72.3530, -25.8100, -28.3736

Protanopia

81.4230, -31.7605, 13.6610

Deuteranopia

83.6180, -27.4197, 21.3830



Tritanopia

82.1480, 8.8010, -22.9318

Trichromacy



Original Color

72.3530, -25.8100, -28.3736

Protanomaly

78.1930, -29.6751, -1.9233

Deuteranomaly

79.3230, -26.7812, 3.2247

Tritanomaly

78.8090, -3.8498, -25.2655

Monochromacy



Original Color

72.3530, -25.8100, -28.3736

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1160, -9.4242, -10.6257

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.3530, -25.8100, -28.3736 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(40, 99, 20)` looks like.

```
.text, #text, p{  
    color:rgb(40, 99, 20)  
}
```

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(40, 99, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 99, 20) }
```

Border

The CSS property to change the border of an element to YUV 72.3530, -25.8100, -28.3736 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(40, 99, 20) }
```


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

```
.border{ border-color:rgb(40, 99, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 99, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 99, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 99, 20);  
box-shadow:4px 4px 4px 4px rgb(40, 99, 20)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.3530, -25.8100, -28.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 99, 20) }
```

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

```
.background{ background-color: rgb(40, 99,  
20) }
```

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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