

Converting Colors

YUV(41.2250, 28.9761, -7.2133)

Have a look what the booklet for
YUV(41.2250, 28.9761, -7.2133)
contains.

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Color

**YUV(41.2250, 28.9761,
-7.2133)**

Conversions

Conversions Part 1

Format	Color
Hex	212264
RGB	33, 34, 100
RGB Percent	13%, 13%, 39%
CMY	0.8706, 0.8667, 0.6078
CMYK	0.67, 0.66, 0.00, 0.61
HSL	239°, 50%, 26%
HSV	239°, 67%, 39%
XYZ	3.4995, 2.3875, 12.3330
YIQ	41.2250, -21.7820, 20.3140

Conversions

Conversions Part 2

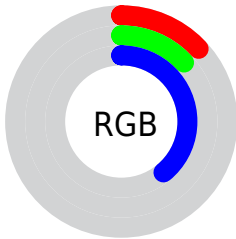
Format	Color
R_YB	33, 34, 100
Decimal	2171492
CIE _{Lab}	17.40, 22.36, -39.18
CIE _{LCh}	17, 45.112, 299.719
Yxy	2.3875, 0.1921, 0.1310
Android (android.graphics.Color)	4280361572 (0xFF212264)
YUV	41.2250, 28.9761, -7.2133
Hunter-Lab	15.4515, 13.3868, -36.5077

Details

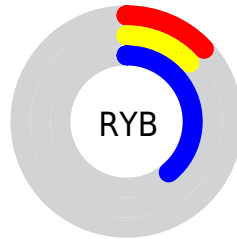
The YUV color **41.2250, 28.9761, -7.2133** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **91.7750, -28.9761, 7.2133**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.8280, 31.1438, -2.4802**, and **5.9280, 22.7135, -5.1989** is the 20% darker color. If you saturate the color by 10%, you get **32.3650, 33.3441, -8.2131**, and if you desaturate by 10%, it is **50.0850, 24.6081, -6.2135**.

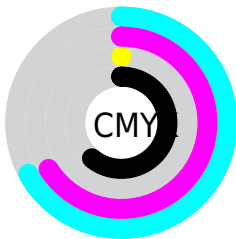
Distribution



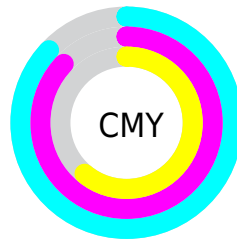
- Red (13%)
- Green (13%)
- Blue (39%)



- Red (13%)
- Yellow (13%)
- Blue (39%)



- Cyan (67%)
- Magenta (66%)
- Yellow (0%)
- Black (61%)



- Cyan (87%)
- Magenta (87%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.2250, 28.9761, -7.2133 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 41.2250, 28.9761, -7.2133 by changing the saturation by 10% instead.

■ 41.2250, 28.9761,
-7.2133

■ 41.2250, 28.9761,
-7.2133

■ 255.0000, 0.0000,
0.0000

■ 16.8820, 29.1452,
-14.8055

■ 88.8280, 31.1438,
-2.4802

■ 5.9280, 22.7135,
-5.1989

■ 114.6540, 31.7226,
-1.4506

■ 4.5940, 12.5252,
-4.0289

■ 140.1810, 32.4488,
-1.0357

■ 0.1140, 0.4368,
-0.1000

■ 167.1210, 33.4643,
-0.1061

■ 0.0000, 0.0000,
0.0000

■ 193.0350, 30.5487,
1.7233

■ 217.8430, 18.3184,

4.5227

■ 242.9500, 5.9407,
7.9369

■ 41.2250, 28.9761,
-7.2133

■ 41.2250, 28.9761,
-7.2133

■ 32.3650, 33.3441,
-8.2131

■ 50.0850, 24.6081,
-6.2135

■ 23.5050, 37.7120,
-9.2129

■ 58.9450, 20.2401,
-5.2138

■ 14.6450, 42.0800,
-10.2127

■ 67.8050, 15.8721,
-4.2140

■ 11.9870, 43.3904,
-10.5126

■ 76.0780, 11.7935,
-2.6994

■ 84.9380, 7.4256,
-1.6996

■ 93.7980, 3.0576,
-0.6998

■ 102.6580, -1.3104,
0.2999

■ 111.5180, -5.6784,
1.2997

■ 120.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



40.6020, 33.7202, -35.6080



41.2250, 28.9761, -7.2133



37.5680, 18.9470, 36.3359

Triad

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



41.2250, 28.9761, -7.2133



39.4700, -19.4587, 34.6678



37.0730, 2.4290, -32.5130

Complementary

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



41.2250, 28.9761, -7.2133



91.7750, -28.9761, 7.2133

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.



32.0400, -14.3167, -28.0991



41.2250, 28.9761, -7.2133



40.8000, -20.1144, 11.5764

Square

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



41.2250, 28.9761, -7.2133



29.3600, -9.0515, 56.6893



35.6290, -17.5651, -12.8296



41.3080, 16.1172, -36.2271

Rectangle

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



41.2250, 28.9761, -7.2133



34.0770, 10.3150, 51.6755



35.6290, -17.5651, -12.8296



35.7050, -2.8126, -31.3133

Sweetspot

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



41.2250, 28.9761, -7.2133



106.9640, 11.3567, -2.5994



79.8530, 9.4395, -41.0901



52.4110, 6.6994, -2.1144



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



41.2250, 28.9761, -7.2133



39.0300, 44.8482, -11.4273



50.2060, 24.5484, 12.9743



46.5700, 2.1840, -0.4999



14.2840, 49.6530, -12.5271



29.9360, 104.5476, -26.2539

Inverse Universe

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



53.1470, -9.4395, 41.0901



57.3240, -14.4567, 63.7369



82.7940, -24.5484, -12.9743



47.4950, -0.7370, 3.0739



34.6130, -16.0782, 70.4994



72.8140, -33.9253, 148.3761

Previews

White Background



This preview shows how the YUV color 41.2250, 28.9761, -7.2133 looks on a white background.

Color Contrast Check

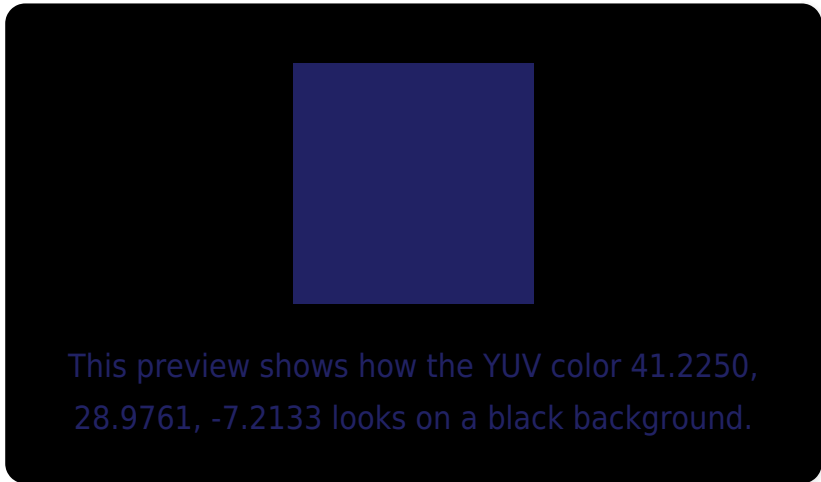
Large Text (above 18pt) WCAG AA ✓ Pass

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

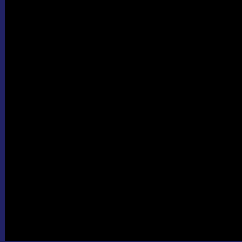
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.2250, 28.9761, -7.2133

Background



This preview shows how black text looks on a background with the YUV color 41.2250, 28.9761, -7.2133.



This preview shows how white text looks on a background with the YUV color 41.2250, 28.9761,

-7.2133.

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

41.2250, 28.9761, -7.2133

Protanopia

34.6860, 26.2838, -30.4196

Deuteranopia

34.3780, 20.0266, -30.1495



Tritanopia

33.9900, 8.3859, -29.8092

Trichromacy



Original Color

41.2250, 28.9761, -7.2133

Protanomaly

36.9690, 27.1303, -21.8978

Deuteranomaly

36.6440, 23.3465, -21.6128

Tritanomaly

36.6950, 15.9264, -21.6575

Monochromacy



Original Color

41.2250, 28.9761, -7.2133

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.7360, 10.4832, -2.3995

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.2250, 28.9761, -7.2133 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(33, 34, 100)` looks like.

```
.text, #text, p{  
    color:rgb(33, 34, 100)  
}
```

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(33, 34, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 34, 100) }
```

Border

The CSS property to change the border of an element to YUV 41.2250, 28.9761, -7.2133 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(33, 34, 100) }
```


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

```
.border{ border-color:rgb(33, 34, 100) }
```

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

Here you see how a box with a 4 pixel rgb(33, 34, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 34, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 34, 100);  
box-shadow:4px 4px 4px 4px rgb(33, 34,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 41.2250, 28.9761, -7.2133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 34, 100) }
```

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

```
.background{ background-color: rgb(33, 34,  
100) }
```

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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