

Converting Colors

YUV(42.3060, 29.4291,
-12.5464)

Have a look what the booklet for
YUV(42.3060, 29.4291, -12.5464)
contains.

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Color

**YUV(42.3060, 29.4291,
-12.5464)**

Conversions

Conversions Part 1

Format	Color
Hex	1C2666
RGB	28, 38, 102
RGB Percent	11%, 15%, 40%
CMY	0.8902, 0.8510, 0.6000
CMYK	0.73, 0.63, 0.00, 0.60
HSL	232°, 57%, 25%
HSV	232°, 73%, 40%
XYZ	3.5703, 2.5924, 12.8826
YIQ	42.3060, -26.5040, 17.7840

Conversions

Conversions Part 2

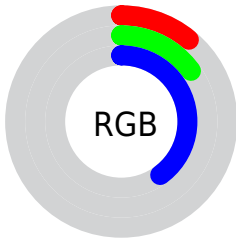
Format	Color
R_{YB}	28, 37, 102
Decimal	1844838
CIE _{Lab}	18.33, 19.47, -38.99
CIE _{LCh}	18, 43.584, 296.536
Yxy	2.5924, 0.1875, 0.1361
Android (android.graphics.Color)	4280034918 (0xFF1C2666)
YUV	42.3060, 29.4291, -12.5464
Hunter-Lab	16.1010, 11.4044, -36.1680

Details

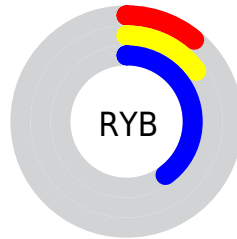
The YUV color **42.3060, 29.4291, -12.5464** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **87.6940, -29.4291, 12.5464**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.0940, 31.0127, -7.0984**, and **6.1560, 23.5871, -5.3988** is the 20% darker color. If you saturate the color by 10%, you get **34.0330, 33.5077, -14.0609**, and if you desaturate by 10%, it is **50.5790, 25.3506, -11.0318**.

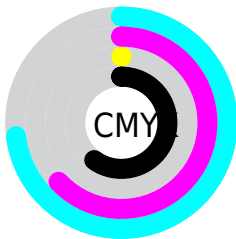
Distribution



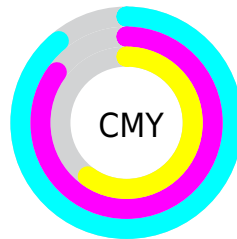
- Red (11%)
- Green (15%)
- Blue (40%)



- Red (11%)
- Yellow (15%)
- Blue (40%)



- Cyan (73%)
- Magenta (63%)
- Yellow (0%)
- Black (60%)



- Cyan (89%)
- Magenta (85%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.3060, 29.4291, -12.5464 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 42.3060, 29.4291, -12.5464 by changing the saturation by 10% instead.

■ 42.3060, 29.4291,
-12.5464

■ 42.3060, 29.4291,
-12.5464

■ 255.0000, 0.0000,
0.0000

■ 19.4580, 28.8612,
-17.0647

■ 91.0940, 31.0127,
-7.0984

■ 6.1560, 23.5871,
-5.3988

■ 116.0340, 32.0282,
-6.1688

■ 4.8220, 13.3988,
-4.2289

■ 141.9740, 33.0438,
-5.2392

■ 0.4560, 1.7472,
-0.3999

■ 168.5010, 33.7700,
-4.8244

■ 0.0000, 0.0000,
0.0000

■ 194.7740, 29.6914,
-3.3098

■ 219.8810, 17.3137,

0.1044

244.9880, 4.9359,
3.5185

42.3060, 29.4291,
-12.5464

42.3060, 29.4291,
-12.5464

34.0330, 33.5077,
-14.0609

50.5790, 25.3506,
-11.0318

25.7600, 37.5863,
-15.5755

58.8520, 21.2720,
-9.5172

19.8460, 40.5019,
-17.4049

66.8370, 17.3354,
-6.8730

75.1100, 13.2568,
-5.3585

83.3830, 9.1782,
-3.8439

■ 91.6560, 5.0996,
-2.3293

■ 99.9290, 1.0210,
-0.8147

■ 108.5010, -3.2050,
1.3146

■ 116.1870, -6.9942,
3.3440

Harmonies

Analogous

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



41.7760, 33.1414, -36.6376



42.3060, 29.4291, -12.5464



42.4210, 18.5264, 31.2028

Triad

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



42.3060, 29.4291, -12.5464



40.6660, -20.0483, 37.1269



38.0190, 0.9766, -33.3427

Complementary

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



42.3060, 29.4291, -12.5464



87.6940, -29.4291, 12.5464

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.



32.6270, -14.6061, -28.6139



42.3060, 29.4291, -12.5464



42.2950, -20.8514, 14.6503

Square

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



42.3060, 29.4291, -12.5464



32.6310, -6.7201, 55.5746



38.6080, -19.0337, -8.4262



42.2540, 14.6648, -37.0568

Rectangle

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



42.3060, 29.4291, -12.5464



34.3480, 12.6464, 50.5608



38.6080, -19.0337, -8.4262



36.7650, -3.8281, -32.2429

Sweetspot

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



42.3060, 29.4291, -12.5464



108.7680, 11.9464, -5.0585



78.6200, 6.1033, -44.3937



52.1120, 6.8468, -2.7292



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.



42.3060, 29.4291, -12.5464



39.6160, 46.0383, -19.8342



44.2100, 28.4905, 8.5858



47.1570, 1.8946, -1.0147



22.5020, 45.6015, -19.7343



46.9590, 96.1552, -41.1830

Inverse Universe

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



51.2660, -6.5401, 44.4937



53.5080, -10.1104, 69.7145



85.7900, -28.4905, -8.5858



47.6090, -0.3002, 2.9739



36.2090, -9.9630, 69.0997



76.1200, -21.2582, 145.4768

Previews

White Background



This preview shows how the YUV color 42.3060, 29.4291, -12.5464 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 42.3060, 29.4291, -12.5464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

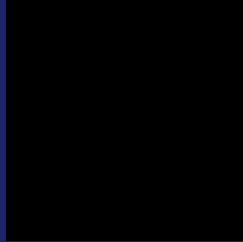
Any Text WCAG AA × Fail

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 42.3060, 29.4291, -12.5464 Background



This preview shows how black text looks on a background with the YUV color 42.3060, 29.4291, -12.5464.



This preview shows how white text looks on a background with the YUV color 42.3060, 29.4291,

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

42.3060, 29.4291, -12.5464

Protanopia

35.7290, 27.7416, -31.3343

Deuteranopia

36.0080, 21.1951, -31.5790



Tritanopia

35.3920, 8.6807, -31.0388

Trichromacy



Original Color

42.3060, 29.4291, -12.5464

Protanomaly

38.0010, 28.5935, -24.5569

Deuteranomaly

38.1490, 24.0835, -24.6867

Tritanomaly

38.0860, 16.2266, -24.6314

Monochromacy



Original Color

42.3060, 29.4291, -12.5464

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.4260, 10.6360, -4.7586

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.3060, 29.4291, -12.5464 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(28, 38, 102)` looks like.

```
.text, #text, p{  
    color:rgb(28, 38, 102)  
}
```

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(28, 38, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 38, 102) }
```

Border

The CSS property to change the border of an element to YUV 42.3060, 29.4291, -12.5464 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(28, 38, 102) }
```


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

```
.border{ border-color:rgb(28, 38, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 38, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 38, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 38, 102);  
box-shadow:4px 4px 4px 4px rgb(28, 38,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 42.3060, 29.4291, -12.5464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 38, 102) }
```

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

```
.background{ background-color: rgb(28, 38,  
102) }
```

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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