

Converting Colors

YUV(29.3400, 21.0314,
-25.7312)

Have a look what the booklet for
YUV(29.3400, 21.0314, -25.7312)
contains.

YUV(29.3400, 21.0314, -25.7312)	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>	30

Color

**YUV(29.3400, 21.0314,
-25.7312)**

Conversions

Conversions Part 1

Format	Color
Hex	002448
RGB	0, 36, 72
RGB Percent	0%, 14%, 28%
CMY	1.0000, 0.8588, 0.7176
CMYK	1.00, 0.50, 0.00, 0.72
HSL	210°, 100%, 14%
HSV	210°, 100%, 28%
XYZ	1.8006, 1.7296, 6.3698
YIQ	29.3400, -33.0120, 3.5640

Conversions

Conversions Part 2

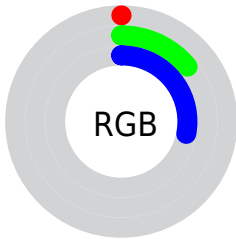
Format	Color
RYB	0, 24, 72
Decimal	9288
CIELab	14.00, 3.98, -25.92
CIELCh	14, 26.222, 278.735
Yxy	1.7296, 0.1819, 0.1747
Android (android.graphics.Color)	4278199368 (0xFF002448)
YUV	29.3400, 21.0314, -25.7312
Hunter-Lab	13.1515, 1.4232, -19.5105

Details

The YUV color **29.3400, 21.0314, -25.7312** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **42.6600, -21.0314, 25.7312**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.0960, 21.1517, -17.6242**, and **3.7790, 11.9410, -3.3142** is the 20% darker color. If you saturate the color by 10%, you get **29.3400, 21.0314, -25.7312**, and if you desaturate by 10%, it is **33.7810, 18.8420, -23.4869**.

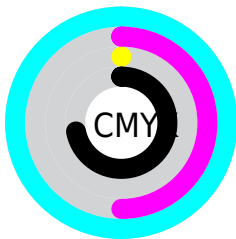
Distribution



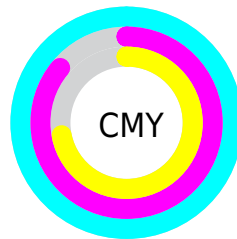
- Red (0%)
- Green (14%)
- Blue (28%)



- Red (0%)
- Yellow (9%)
- Blue (28%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (72%)



- Cyan (100%)
- Magenta (86%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.3400, 21.0314, -25.7312 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 29.3400, 21.0314, -25.7312 by changing the saturation by 10% instead.

■ 29.3400, 21.0314,
-25.7312

■ 29.3400, 21.0314,
-25.7312

■ 252.6080, 1.1793,
-4.9182

■ 13.8040, 17.3516,
-12.1061

■ 78.0960, 21.1517,
-17.6242

■ 3.7790, 11.9410,
-3.3142

■ 102.6230, 21.8779,
-17.2094

■ 0.0000, 0.0000,
0.0000

■ 128.1500, 22.6040,
-16.7946

■ 154.2640, 23.0408,
-16.8945

■ 181.3780, 23.4776,
-16.9945

■ 208.5630, 22.8934,

-16.2798

■ 233.3710, 10.6631,
-13.4804

■ 29.3400, 21.0314,
-25.7312

■ 33.7810, 18.8420,
-23.4869

■ 37.6350, 16.9419,
-20.7279

■ 42.3750, 14.6051,
-17.8689

■ 46.2290, 12.7051,
-15.1098

■ 50.6700, 10.5157,
-12.8656

■ 55.1110, 8.3263,
-10.6213

■ 58.9650, 6.4263,
-7.8623

■ 63.7050, 4.0894,
-5.0033

■ 67.5590, 2.1894,
-2.2442

Harmonies

Analogous

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



32.0470, 18.7108, -28.1052



29.3400, 21.0314, -25.7312



36.5890, 13.5136, 5.6224

Triad

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



29.3400, 21.0314, -25.7312



33.7170, -10.7065, 27.4352



27.7490, -2.8343, -24.3359

Complementary

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



29.3400, 21.0314, -25.7312



42.6600, -21.0314, 25.7312

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.



30.3460, -14.9606, -8.1964



29.3400, 21.0314, -25.7312



34.3540, -16.9365, 18.9835

Square

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



29.3400, 21.0314, -25.7312



33.8450, -1.4026, 29.9539



33.3910, -16.4618, 6.6731



30.5020, 5.1755, -26.7503

Rectangle

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



29.3400, 21.0314, -25.7312



36.2270, 9.2551, 18.2179



33.3910, -16.4618, 6.6731



26.9510, -5.8918, -23.6360

Sweetspot

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



29.3400, 21.0314, -25.7312



77.4100, 8.1789, -10.0066



46.3680, -5.1114, -40.6647



38.2210, 4.8210, -6.3328



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



29.3400, 21.0314, -25.7312



38.3050, 27.4576, -33.5935



8.2080, 31.4495, -7.1984



33.6300, 1.1684, -1.4295



40.6360, 28.7735, -35.6378



92.2090, 66.4520, -80.8673

Inverse Universe

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



25.6320, 5.1114, 40.6647



33.4640, 6.6732, 53.0901



63.7920, -31.4495, 7.1984



33.4240, 0.2840, 2.2592



35.3010, 7.2466, 55.8640



80.7550, 15.8968, 128.2569

Previews

White Background



This preview shows how the YUV color 29.3400, 21.0314, -25.7312 looks on a white background.

Color Contrast Check

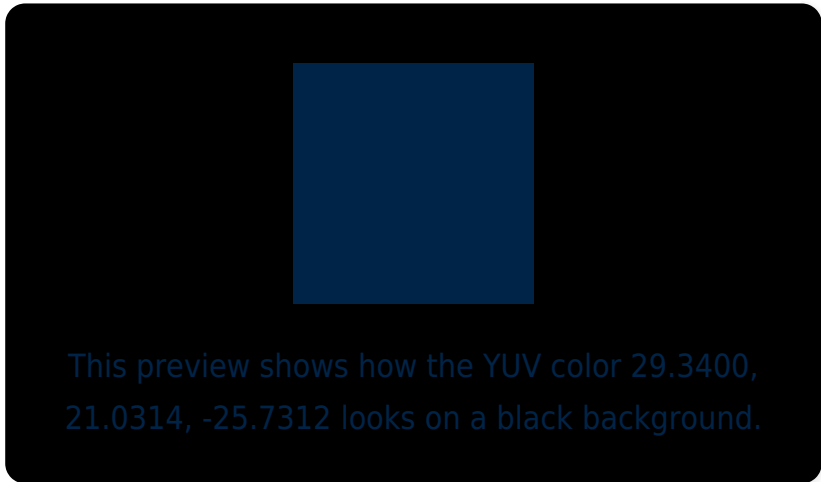
Large Text (above 18pt) WCAG AA ✓ Pass

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

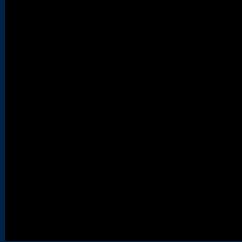
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.3400, 21.0314, -25.7312

Background



This preview shows how black text looks on a background with the YUV color 29.3400, 21.0314, -25.7312.



This preview shows how white text looks on a background with the YUV color 29.3400, 21.0314,

-25.7312.

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



Protanopia

33.1240, 18.6729, -15.8947

Deuteranopia

29.1290, 17.6844, -25.5461

Tritanopia

28.9690, 6.9173, -25.4058

Trichromacy



Protanomaly

31.6290, 19.4099, -18.9686

Deuteranomaly

29.4710, 18.9948, -25.8461

Tritanomaly

29.0490, 12.3008, -25.4760

Monochromacy



Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.2960, 7.7421, -9.9066

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.3400, 21.0314, -25.7312 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(0, 36, 72)` looks like.

```
.text, #text, p{  
    color:rgb(0, 36, 72)  
}
```

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(0, 36, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 36, 72) }
```

Border

The CSS property to change the border of an element to YUV 29.3400, 21.0314, -25.7312 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(0, 36, 72) }
```

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

```
.border{ border-color:rgb(0, 36, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 36, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 36, 72); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 36, 72); box-shadow:4px  
4px 4px 4px rgb(0, 36, 72) }
```


Background

The CSS property to change the background color of an element to YUV 29.3400, 21.0314, -25.7312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 36, 72) }
```

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

```
.background{ background-color: rgb(0, 36,  
72) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor