

Converting Colors

YUV(42.0100, 14.7851,
-28.9498)

Have a look what the booklet for
YUV(42.0100, 14.7851, -28.9498)
contains.

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Color

**YUV(42.0100, 14.7851,
-28.9498)**

Conversions

Conversions Part 1

Format	Color
Hex	093548
RGB	9, 53, 72
RGB Percent	4%, 21%, 28%
CMY	0.9647, 0.7922, 0.7176
CMYK	0.88, 0.26, 0.00, 0.72
HSL	198°, 78%, 16%
HSV	198°, 88%, 28%
XYZ	2.5555, 3.0722, 6.5892
YIQ	42.0100, -32.3230, -3.4190

Conversions

Conversions Part 2

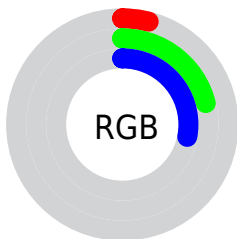
Format	Color
R_YB	9, 35, 72
Decimal	603464
CIE _{Lab}	20.33, -6.81, -15.88
CIE _{LCh}	20, 17.280, 246.796
Yxy	3.0722, 0.2092, 0.2515
Android (android.graphics.Color)	4278793544 (0xFF093548)
YUV	42.0100, 14.7851, -28.9498
Hunter-Lab	17.5276, -4.6486, -10.0197

Details

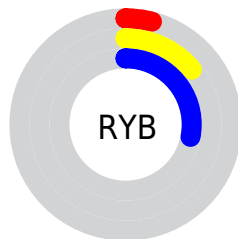
The YUV color **42.0100, 14.7851, -28.9498** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **38.9900, -14.7851, 28.9498**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.3310, 14.6268, -24.8463**, and **5.6540, 11.5096, -4.9586** is the 20% darker color. If you saturate the color by 10%, you get **38.7430, 16.3957, -32.2236**, and if you desaturate by 10%, it is **45.2770, 13.1744, -25.6759**.

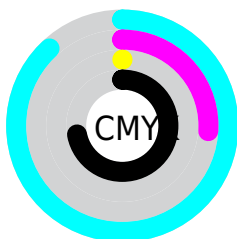
Distribution



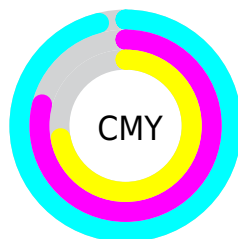
- Red (4%)
- Green (21%)
- Blue (28%)



- Red (4%)
- Yellow (14%)
- Blue (28%)



- Cyan (88%)
- Magenta (26%)
- Yellow (0%)
- Black (72%)



- Cyan (96%)
- Magenta (79%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.0100, 14.7851, -28.9498 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 42.0100, 14.7851, -28.9498 by changing the saturation by 10% instead.

■ 42.0100, 14.7851,
-28.9498

■ 42.0100, 14.7851,
-28.9498

■ 254.4020, 0.2948,
-1.2296

■ 24.3700, 12.1426,
-21.3725

■ 91.3310, 14.6268,
-24.8463

■ 5.6540, 11.5096,
-4.9586

■ 115.7440, 14.9162,
-24.3315

■ 0.0000, 0.0000,
0.0000

■ 141.8580, 15.3530,
-24.4315

■ 168.5590, 15.5004,
-25.0462

■ 195.9720, 15.7898,
-24.5314

■ 224.1460, 15.2110,

-25.5610

■ 245.7310, 4.5696,
-19.0581

■ 42.0100, 14.7851,
-28.9498

■ 42.0100, 14.7851,
-28.9498

■ 38.7430, 16.3957,
-32.2236

■ 45.2770, 13.1744,
-25.6759

■ 37.5580, 16.9799,
-32.9384

■ 48.5440, 11.5638,
-22.4021

■ 52.6970, 9.5164,
-19.0283

■ 55.9640, 7.9057,
-15.7544

■ 59.2310, 6.2951,
-12.4806

■ 62.4980, 4.6845,
-9.2067

■ 65.7650, 3.0739,
-5.9329

■ 69.3310, 1.3158,
-2.0443

■ 73.1850, -0.5842,
0.7148

Harmonies

Analogous

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



39.5810, 12.0386, -34.7125



42.0100, 14.7851, -28.9498



47.6640, 12.9836, -11.1063

Triad

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



42.0100, 14.7851, -28.9498



50.0780, -1.5175, 20.1026



46.5620, -9.1511, -4.8779

Complementary

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



42.0100, 14.7851, -28.9498



38.9900, -14.7851, 28.9498

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.



47.5310, -12.0938, 5.6733



42.0100, 14.7851, -28.9498



49.4710, -7.6272, 19.7579

Square

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



42.0100, 14.7851, -28.9498



50.8260, 4.0298, 14.1846



48.8140, -11.2473, 14.1951



44.2060, -2.5666, -16.8437

Rectangle

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



42.0100, 14.7851, -28.9498



49.5620, 11.0619, -1.3699



48.8140, -11.2473, 14.1951



47.2420, -10.4723, -1.0892

Sweetspot

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



42.0100, 14.7851, -28.9498



82.7150, 5.5635, -11.1511



48.1470, -9.9325, -34.3319



41.1670, 3.3687, -7.1625



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.



42.0100, 14.7851, -28.9498



49.4580, 21.9592, -43.3747



23.8130, 23.7562, -12.9910



34.2170, 0.8790, -1.9443



51.7890, 23.2750, -45.4190



119.2110, 53.1400, -104.5480

Inverse Universe

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



32.8530, 9.9325, 34.3319



35.6300, 14.9724, 51.1905



57.1870, -23.7562, 12.9910



33.5380, 0.7208, 2.1592



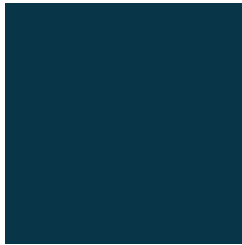
37.4670, 15.5458, 53.9644



85.9990, 35.9895, 123.6579

Previews

White Background



This preview shows how the YUV color 42.0100, 14.7851, -28.9498 looks on a white background.

Color Contrast Check

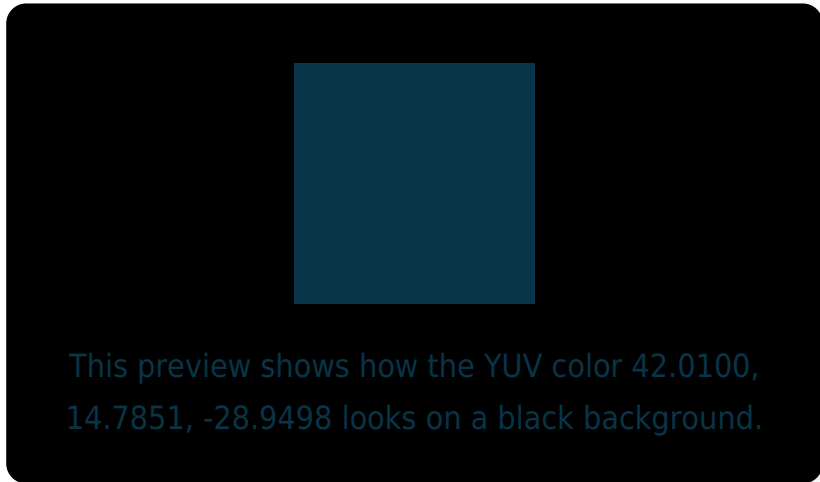
Large Text (above 18pt) WCAG AA ✓ Pass

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

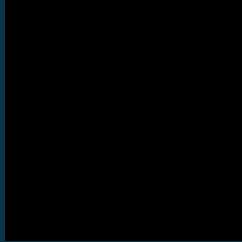
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

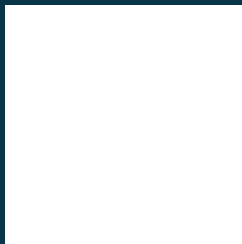
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 42.0100, 14.7851, -28.9498

Background



This preview shows how black text looks on a background with the YUV color 42.0100, 14.7851, -28.9498.



This preview shows how white text looks on a background with the YUV color 42.0100, 14.7851,

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

42.0100, 14.7851, -28.9498

Protanopia

49.3720, 9.1836, -5.5882

Deuteranopia

48.7460, 11.9572, -8.5472



Tritanopia

39.0110, 9.8546, -34.2126

Trichromacy



Original Color

42.0100, 14.7851, -28.9498

Protanomaly

46.4850, 11.0999, -13.5803

Deuteranomaly

46.0440, 13.2893, -15.8246

Tritanomaly

39.8910, 11.8857, -32.3534

Monochromacy



Original Color

42.0100, 14.7851, -28.9498

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.0140, 5.4161, -10.5363

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.0100, 14.7851, -28.9498 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(9, 53, 72)` looks like.

```
.text, #text, p{  
    color:rgb(9, 53, 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(9, 53, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 53, 72) }
```

Border

The CSS property to change the border of an element to YUV 42.0100, 14.7851, -28.9498 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(9, 53, 72) }
```


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

```
.border{ border-color:rgb(9, 53, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 53, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 53, 72); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 53, 72); box-shadow:4px  
4px 4px 4px rgb(9, 53, 72) }
```

Background

The CSS property to change the background color of an element to YUV 42.0100, 14.7851, -28.9498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 53, 72) }
```

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

```
.background{ background-color: rgb(9, 53,  
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](#).

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