

Converting Colors

YUV(42.2290, 9.2541, -28.2648)

Have a look what the booklet for
YUV(42.2290, 9.2541, -28.2648)
contains.

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Color

**YUV(42.2290, 9.2541,
-28.2648)**

Conversions

Conversions Part 1

Format	Color
Hex	0A373D
RGB	10, 55, 61
RGB Percent	4%, 22%, 24%
CMY	0.9608, 0.7843, 0.7608
CMYK	0.84, 0.10, 0.00, 0.76
HSL	187°, 72%, 14%
HSV	187°, 84%, 24%
XYZ	2.3337, 3.1338, 4.8968
YIQ	42.2290, -28.7460, -7.6740

Conversions

Conversions Part 2

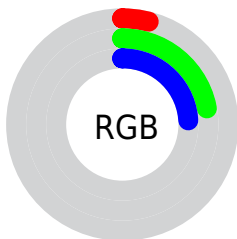
Format	Color
RYB	10, 34, 61
Decimal	669501
CIELab	20.57, -12.31, -8.07
CIElCh	21, 14.722, 213.232
Yxy	3.1338, 0.2252, 0.3024
Android (android.graphics.Color)	4278859581 (0xFF0A373D)
YUV	42.2290, 9.2541, -28.2648
Hunter-Lab	17.7026, -7.4486, -4.0085

Details

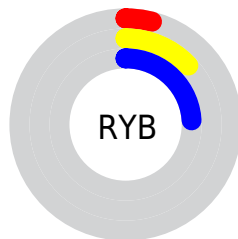
The YUV color **42.2290, 9.2541, -28.2648** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **28.7710, -9.2541, 28.2648**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.7240, 8.5171, -25.1909**, and **5.1010, 6.8522, -4.4736** is the 20% darker color. If you saturate the color by 10%, you get **39.8480, 10.4279, -31.4387**, and if you desaturate by 10%, it is **44.6100, 8.0803, -25.0910**.

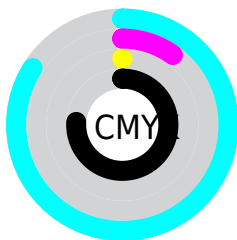
Distribution



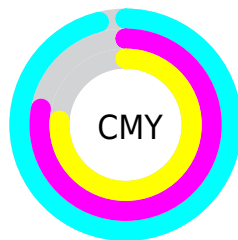
- Red (4%)
- Green (22%)
- Blue (24%)



- Red (4%)
- Yellow (13%)
- Blue (24%)



- Cyan (84%)
- Magenta (10%)
- Yellow (0%)
- Black (76%)



- Cyan (96%)
- Magenta (78%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.2290, 9.2541, -28.2648 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 42.2290, 9.2541, -28.2648 by changing the saturation by 10% instead.

42.2290, 9.2541,
-28.2648

42.2290, 9.2541,
-28.2648

253.5050, 0.7370,
-3.0739

23.8170, 7.4852,
-20.8875

90.7240, 8.5171,
-25.1909

5.1010, 6.8522,
-4.4736

115.5390, 9.1013,
-25.9057

0.0000, 0.0000,
0.0000

141.5390, 9.1013,
-25.9057

168.2400, 9.2487,
-26.5205

195.2400, 9.2487,
-26.5205

223.9410, 9.3961,

-27.1353

■ 244.8340, 5.0118,
-20.9024

■ 42.2290, 9.2541,
-28.2648

■ 42.2290, 9.2541,
-28.2648

■ 39.8480, 10.4279,
-31.4387

■ 44.6100, 8.0803,
-25.0910

■ 38.6520, 11.0176,
-33.8978

■ 46.4040, 7.1958,
-21.4023

■ 48.7850, 6.0220,
-18.2284

■ 51.1660, 4.8482,
-15.0546

■ 53.8460, 3.5269,
-11.2659

■ 55.6400, 2.6425,
-7.5773

■ 58.0210, 1.4686,
-4.4034

■ 60.4020, 0.2948,
-1.2296

■ 62.1960, -0.5896,
2.4591

Harmonies

Analogous

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



43.3670, 3.2701, -22.2469



42.2290, 9.2541, -28.2648



44.6580, 12.0006, -22.5021

Triad

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



42.2290, 9.2541, -28.2648



51.1030, 3.8932, 11.3107



48.6990, -10.2046, 6.4030

Complementary

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



42.2290, 9.2541, -28.2648



28.7710, -9.2541, 28.2648

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.



49.9710, -9.3527, 13.1804



42.2290, 9.2541, -28.2648



50.5830, -0.7804, 17.0287

Square

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



42.2290, 9.2541, -28.2648



50.3020, 8.7251, 1.4891



49.9160, -5.8746, 17.6137



47.2140, -7.9935, -2.8187

Rectangle

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



42.2290, 9.2541, -28.2648



47.3000, 11.6841, -14.2951



49.9160, -5.8746, 17.6137



49.0090, -10.3574, 8.7621

Sweetspot

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



42.2290, 9.2541, -28.2648



71.8460, 3.5269, -11.2659



40.6210, -12.1382, -26.8546



36.2380, 2.3477, -6.3477



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



42.2290, 9.2541, -28.2648



50.0960, 14.2497, -43.9342



27.5540, 16.4889, -15.3949



29.5160, 0.7316, -1.3295



59.4370, 17.0396, -52.1262



140.3600, 40.2485, -123.0957

Inverse Universe

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



30.3790, 12.1382, 26.8546



31.6010, 18.9307, 41.5689



43.4460, -16.4889, 15.3949



29.1250, 0.4314, 1.6444



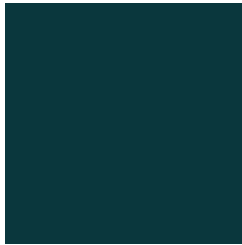
37.5680, 22.3980, 49.4909



88.7220, 52.8881, 116.8848

Previews

White Background



This preview shows how the YUV color 42.2290, 9.2541, -28.2648 looks on a white background.

Color Contrast Check

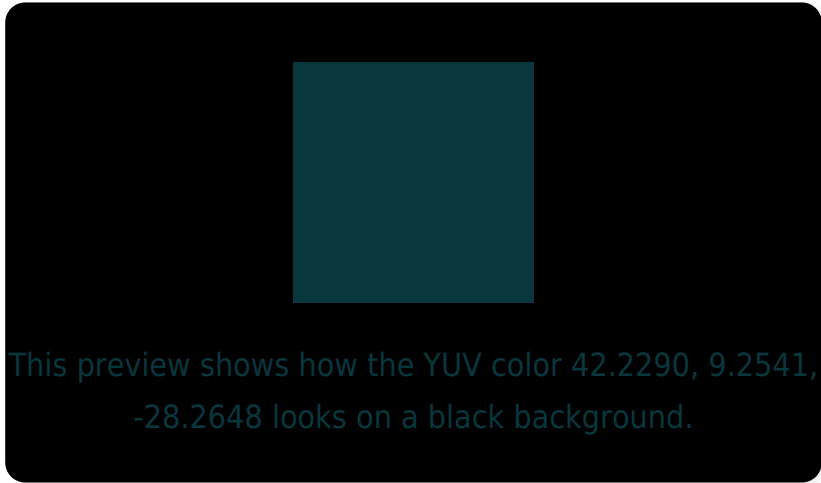
Large Text (above 18pt) WCAG AA ✓ Pass

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

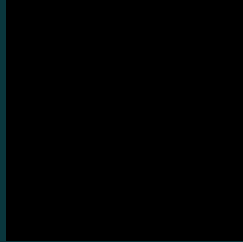
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.2290, 9.2541, -28.2648

Background



This preview shows how black text looks on a background with the YUV color 42.2290, 9.2541, -28.2648.



This preview shows how white text looks on a background with the YUV color 42.2290, 9.2541, -28.2648.

-28.2648.

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

42.2290, 9.2541, -28.2648

Protanopia

49.6130, 3.6418, -1.4146

Deuteranopia

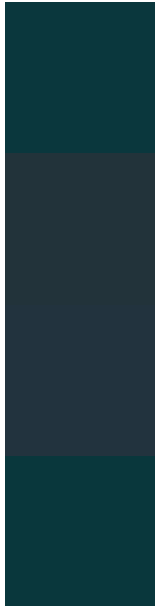
50.1830, 5.8258, -1.9145



Tritanopia

41.5170, 9.1121, -29.3944

Trichromacy



Original Color

42.2290, 9.2541, -28.2648

Protanomaly

46.7150, 5.5635, -11.1511

Deuteranomaly

47.1710, 7.3107, -11.5510

Tritanomaly

41.8160, 8.9647, -28.7796

Monochromacy



Original Color

42.2290, 9.2541, -28.2648

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.1450, 3.3795, -10.6512

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.2290, 9.2541, -28.2648 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(10, 55, 61)` looks like.

```
.text, #text, p{  
    color:rgb(10, 55, 61)  
}
```

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(10, 55, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 55, 61) }
```

Border

The CSS property to change the border of an element to YUV 42.2290, 9.2541, -28.2648 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(10, 55, 61) }
```


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

```
.border{ border-color:rgb(10, 55, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 55, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 55, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 55, 61);  
box-shadow:4px 4px 4px 4px rgb(10, 55, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.2290, 9.2541, -28.2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 55, 61) }
```

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

```
.background{ background-color: rgb(10, 55,  
61) }
```

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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