

Converting Colors

YUV(42.0010, 8.3805, -28.0649)

Have a look what the booklet for
YUV(42.0010, 8.3805, -28.0649)
contains.

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Color

**YUV(42.0010, 8.3805,
-28.0649)**

Conversions

Conversions Part 1

Format	Color
Hex	0A373B
RGB	10, 55, 59
RGB Percent	4%, 22%, 23%
CMY	0.9608, 0.7843, 0.7686
CMYK	0.83, 0.07, 0.00, 0.77
HSL	185°, 71%, 14%
HSV	185°, 83%, 23%
XYZ	2.2808, 3.1127, 4.6183
YIQ	42.0010, -28.1040, -8.2960

Conversions

Conversions Part 2

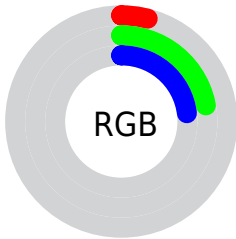
Format	Color
R_{YB}	10, 33, 59
Decimal	669499
CIE _{Lab}	20.49, -13.07, -6.84
CIE _{LCh}	20, 14.745, 207.618
Yxy	3.1127, 0.2278, 0.3109
Android (android.graphics.Color)	4278859579 (0xFF0A373B)
YUV	42.0010, 8.3805, -28.0649
Hunter-Lab	17.6428, -7.7991, -3.1701

Details

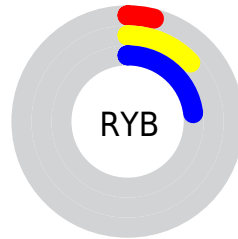
The YUV color **42.0010, 8.3805, -28.0649** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **26.9990, -8.3805, 28.0649**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.1970, 7.7909, -25.6058**, and **4.2860, 6.2680, -3.7588** is the 20% darker color. If you saturate the color by 10%, you get **40.2070, 9.2649, -31.7535**, and if you desaturate by 10%, it is **43.7950, 7.4961, -24.3762**.

Distribution



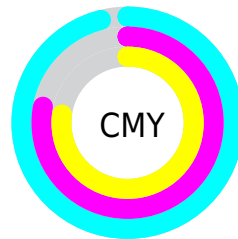
- Red (4%)
- Green (22%)
- Blue (23%)



- Red (4%)
- Yellow (13%)
- Blue (23%)



- Cyan (83%)
- Magenta (7%)
- Yellow (0%)
- Black (77%)



- Cyan (96%)
- Magenta (78%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.0010, 8.3805, -28.0649 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 42.0010, 8.3805, -28.0649 by changing the saturation by 10% instead.

42.0010, 8.3805,
-28.0649

42.0010, 8.3805,
-28.0649

253.2060, 0.8844,
-3.6887

23.5890, 6.6116,
-20.6876

90.1970, 7.7909,
-25.6058

4.2860, 6.2680,
-3.7588

115.1970, 7.7909,
-25.6058

0.0000, 0.0000,
0.0000

140.8980, 7.9383,
-26.2205

167.8980, 7.9383,
-26.2205

194.7130, 8.5225,
-26.9353

223.3000, 8.2331,

-27.4501

■ 244.5350, 5.1592,
-21.5172

■ 42.0010, 8.3805,
-28.0649

■ 42.0010, 8.3805,
-28.0649

■ 40.2070, 9.2649,
-31.7535

■ 43.7950, 7.4961,
-24.3762

■ 38.4240, 10.1440,
-33.6978

■ 46.1760, 6.3222,
-21.2024

■ 47.9700, 5.4378,
-17.5137

■ 50.3510, 4.2640,
-14.3398

■ 51.8460, 3.5269,
-11.2659

■ 54.2270, 2.3531,
-8.0921

■ 56.0210, 1.4686,
-4.4034

■ 58.4020, 0.2948,
-1.2296

■ 60.1960, -0.5896,
2.4591

Harmonies

Analogous

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



43.7370, 2.1017, -20.8173



42.0010, 8.3805, -28.0649



44.1200, 11.2798, -24.6612

Triad

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



42.0010, 8.3805, -28.0649



50.7330, 5.0616, 9.8812



48.4110, -10.0626, 7.5326

Complementary

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



42.0010, 8.3805, -28.0649



26.9990, -8.3805, 28.0649

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.



49.6830, -9.2107, 14.3100



42.0010, 8.3805, -28.0649



50.5120, 0.2406, 16.2140

Square

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



42.0010, 8.3805, -28.0649



50.2910, 8.7305, -0.2552



50.1440, -5.0010, 17.4137



47.6980, -8.7251, -1.4891

Rectangle

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



42.0010, 8.3805, -28.0649



46.5770, 11.5475, -17.1690



50.1440, -5.0010, 17.4137



49.0200, -10.3629, 10.5065

Sweetspot

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



42.0010, 8.3805, -28.0649



69.8460, 3.5269, -11.2659



39.1050, -12.8698, -25.5251



34.1240, 1.9109, -6.2477



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



42.0010, 8.3805, -28.0649



49.8680, 13.3761, -43.7342



27.9130, 15.3259, -15.7097



29.5160, 0.7316, -1.3295



61.7850, 15.8820, -54.1854



145.0560, 37.9334, -127.2141

Inverse Universe

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



29.7810, 12.4330, 25.6251



31.0030, 19.2255, 40.3394



41.0870, -15.3259, 15.7097



29.1250, 0.4314, 1.6444



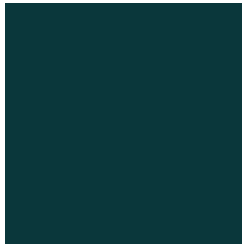
38.0240, 24.1452, 49.0910



89.6340, 56.3824, 116.0850

Previews

White Background



This preview shows how the YUV color 42.0010, 8.3805, -28.0649 looks on a white background.

Color Contrast Check

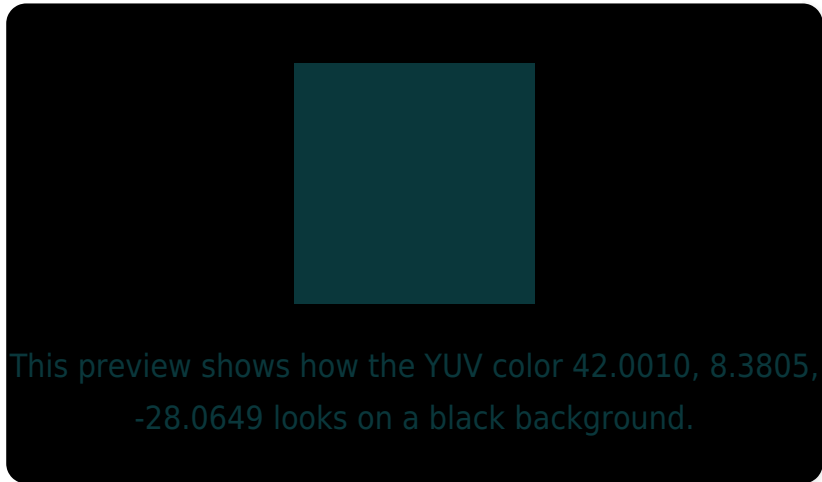
Large Text (above 18pt) WCAG AA ✓ Pass

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

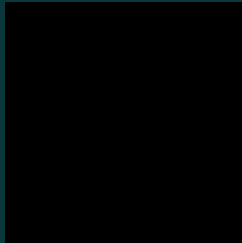
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.0010, 8.3805, -28.0649

Background



This preview shows how black text looks on a background with the YUV color 42.0010, 8.3805, -28.0649.



This preview shows how white text looks on a background with the YUV color 42.0010, 8.3805,

-28.0649.

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

42.0010, 8.3805, -28.0649

Protanopia

49.6840, 2.6208, -0.5999

Deuteranopia

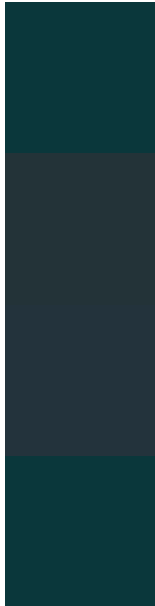
49.6670, 5.0942, -0.5850



Tritanopia

42.0010, 8.3805, -28.0649

Trichromacy



Original Color

42.0010, 8.3805, -28.0649

Protanomaly

46.7860, 4.5425, -10.3363

Deuteranomaly

47.2420, 6.2897, -10.7362

Tritanomaly

42.0010, 8.3805, -28.0649

Monochromacy



Original Color

42.0010, 8.3805, -28.0649

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.0310, 2.9427, -10.5512

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.0010, 8.3805, -28.0649 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, 59)` looks like.

```
.text, #text, p{  
    color:rgb(10, 55, 59)  
}
```

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, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 55, 59) }
```

Border

The CSS property to change the border of an element to YUV 42.0010, 8.3805, -28.0649 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, 59) }
```


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

```
.border{ border-color:rgb(10, 55, 59) }
```

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, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 55, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 55, 59);  
box-shadow:4px 4px 4px 4px rgb(10, 55, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.0010, 8.3805, -28.0649 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, 59) }
```

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

```
.background{ background-color: rgb(10, 55,  
59) }
```

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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