

Converting Colors

YUV(29.3280, 5.7543, -25.7207)

Have a look what the booklet for
YUV(29.3280, 5.7543, -25.7207)
contains.

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Color

**YUV(29.3280, 5.7543,
-25.7207)**

Conversions

Conversions Part 1

Format	Color
Hex	002A29
RGB	0, 42, 41
RGB Percent	0%, 16%, 16%
CMY	1.0000, 0.8353, 0.8392
CMYK	1.00, 0.00, 0.02, 0.84
HSL	179°, 100%, 8%
HSV	179°, 100%, 16%
XYZ	1.2282, 1.8160, 2.3836
YIQ	29.3280, -24.7110, -9.2150

Conversions

Conversions Part 2

Format	Color
RYB	0, 21, 42
Decimal	10793
CIELab	14.49, -14.09, -3.38
CIELCh	14, 14.493, 193.481
Yxy	1.8160, 0.2263, 0.3346
Android (android.graphics.Color)	4278200873 (0xFF002A29)
YUV	29.3280, 5.7543, -25.7207
Hunter-Lab	13.4760, -7.3145, -1.0539

Details

The YUV color **29.3280, 5.7543, -25.7207** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.6720, -5.7543, 25.7207**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.1110, 4.8753, -23.7763**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.3280, 5.7543, -25.7207**, and if you desaturate by 10%, it is **30.5240, 5.1647, -23.2615**.

Distribution



- Red (0%)
- Green (16%)
- Blue (16%)



- Red (0%)
- Yellow (8%)
- Blue (16%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (84%)



- Cyan (100%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.3280, 5.7543, -25.7207 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 29.3280, 5.7543, -25.7207 by changing the saturation by 10% instead.

■ 29.3280, 5.7543,
-25.7207

■ 29.3280, 5.7543,
-25.7207

■ 248.4220, 3.2430,
-13.5251

■ 15.8950, 2.5168,
-13.9399

■ 76.1110, 4.8753,
-23.7763

■ 0.0000, 0.0000,
0.0000

■ 100.1110, 4.8753,
-23.7763

■ 125.8120, 5.0227,
-24.3911

■ 151.8120, 5.0227,
-24.3911

■ 178.5130, 5.1701,
-25.0059

■ 206.2140, 5.3175,

-25.6207

■ 234.8010, 5.0281,
-26.1355

■ 29.3280, 5.7543,
-25.7207

■ 30.5240, 5.1647,
-23.2615

■ 31.7200, 4.5750,
-20.8024

■ 33.2150, 3.8380,
-17.7286

■ 34.4110, 3.2484,
-15.2694

■ 35.6070, 2.6587,
-12.8103

■ 36.9170, 2.5059,
-10.4512

■ 38.1130, 1.9163,
-7.9921

■ 39.6080, 1.1793,
-4.9182

■ 40.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



32.3740, -0.6774, -16.1140



29.3280, 5.7543, -25.7207



29.7670, 9.9749, -26.1057

Triad

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



29.3280, 5.7543, -25.7207



37.7540, 6.5303, 5.4777



36.2480, -9.4893, 10.3065

Complementary

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



29.3280, 5.7543, -25.7207



12.6720, -5.7543, 25.7207

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.



36.9650, -6.8847, 14.9397



29.3280, 5.7543, -25.7207



37.7720, 2.5774, 13.3550

Square

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



29.3280, 5.7543, -25.7207



36.1870, 9.7678, -6.3030



37.4150, -2.6696, 16.2990



35.2040, -9.4676, 3.3291

Rectangle

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



29.3280, 5.7543, -25.7207



30.6470, 12.0060, -24.2464



37.4150, -2.6696, 16.2990



36.7860, -8.7685, 12.4657

Sweetspot

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



29.3280, 5.7543, -25.7207



48.8030, 2.0691, -10.3512



24.9530, -12.3018, -21.0068



25.0100, 1.4741, -6.1478



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



29.3280, 5.7543, -25.7207



37.6260, 7.0864, -32.9980



17.7020, 11.9789, -15.5247



19.4020, 0.2948, -1.2296



58.6560, 11.5086, -51.4413



148.0420, 29.0663, -129.8328

Inverse Universe

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



12.6720, -5.7543, 25.7207



16.2600, -7.5232, 33.0980



24.2980, -11.9789, 15.5247



18.5980, -0.2948, 1.2296



25.3440, -11.5086, 51.4413



63.9580, -29.0663, 129.8328

Previews

White Background



This preview shows how the YUV color 29.3280, 5.7543, -25.7207 looks on a white background.

Color Contrast Check

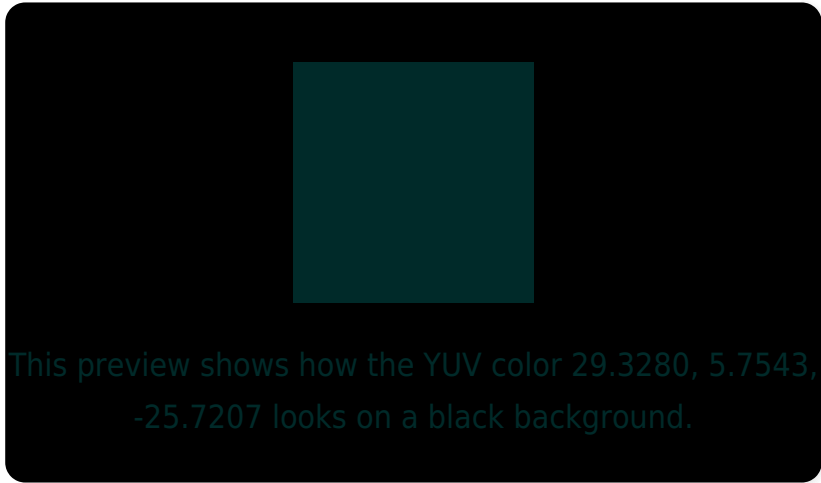
Large Text (above 18pt) WCAG AA ✓ Pass

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

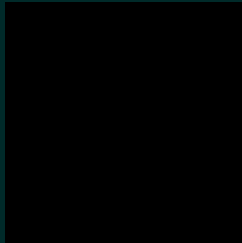
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

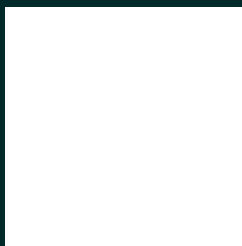
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 29.3280, 5.7543, -25.7207

Background



This preview shows how black text looks on a background with the YUV color 29.3280, 5.7543, -25.7207.



This preview shows how white text looks on a background with the YUV color 29.3280, 5.7543, -25.7207.

-25.7207.

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

37.4130, 0.2894, 0.5148

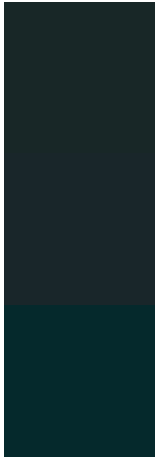
Deuteranopia

37.5810, 2.1786, 1.2445

Tritanopia

31.5890, 6.6116, -20.6876

Trichromacy



Protanomaly

34.5150, 2.2111, -9.2217

Deuteranomaly

34.5690, 3.6635, -8.3920

Tritanomaly

30.5780, 6.6170, -22.4319

Monochromacy



Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.1020, 1.9217, -9.7365

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.3280, 5.7543, -25.7207 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, 42, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 42, 41)  
}
```

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, 42, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 42, 41) }
```

Border

The CSS property to change the border of an element to YUV 29.3280, 5.7543, -25.7207 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, 42, 41) }
```

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

```
.border{ border-color:rgb(0, 42, 41) }
```

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

Here you see how a box with a 4 pixel rgb(0, 42, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 42, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 42, 41); box-shadow:4px  
4px 4px 4px rgb(0, 42, 41) }
```


Background

The CSS property to change the background color of an element to YUV 29.3280, 5.7543, -25.7207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 42, 41) }
```

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

```
.background{ background-color: rgb(0, 42,  
41) }
```

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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