

Converting Colors

YUV(28.9180, 14.3374,
-25.3611)

Have a look what the booklet for
YUV(28.9180, 14.3374, -25.3611)
contains.

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Color

**YUV(28.9180, 14.3374,
-25.3611)**

Conversions

Conversions Part 1

Format	Color
Hex	00263A
RGB	0, 38, 58
RGB Percent	0%, 15%, 23%
CMY	1.0000, 0.8510, 0.7725
CMYK	1.00, 0.34, 0.00, 0.77
HSL	201°, 100%, 11%
HSV	201°, 100%, 23%
XYZ	1.4568, 1.6917, 4.2527
YIQ	28.9180, -29.0680, -1.8360

Conversions

Conversions Part 2

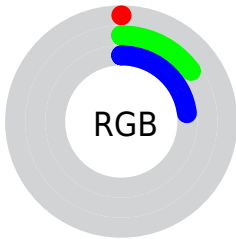
Format	Color
RYB	0, 23, 58
Decimal	9786
CIELab	13.78, -4.15, -16.52
CIELCh	14, 17.030, 255.884
Yxy	1.6917, 0.1968, 0.2286
Android (android.graphics.Color)	4278199866 (0xFF00263A)
YUV	28.9180, 14.3374, -25.3611
Hunter-Lab	13.0066, -2.7682, -10.2813

Details

The YUV color **28.9180, 14.3374, -25.3611** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **29.0820, -14.3374, 25.3611**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.5380, 14.0318, -20.6428**, and **2.1830, 5.8258, -1.9145** is the 20% darker color. If you saturate the color by 10%, you get **28.9180, 14.3374, -25.3611**, and if you desaturate by 10%, it is **31.8860, 12.8742, -22.7020**.

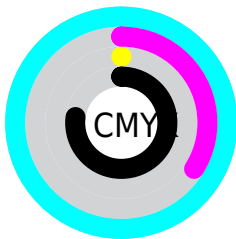
Distribution



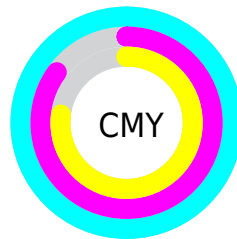
- Red (0%)
- Green (15%)
- Blue (23%)



- Red (0%)
- Yellow (9%)
- Blue (23%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (85%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.9180, 14.3374, -25.3611 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 28.9180, 14.3374, -25.3611 by changing the saturation by 10% instead.

■ 28.9180, 14.3374,
-25.3611

■ 28.9180, 14.3374,
-25.3611

■ 250.2160, 2.3585,
-9.8364

■ 14.0830, 10.8051,
-12.3508

■ 76.5380, 14.0318,
-20.6428

■ 2.1830, 5.8258,
-1.9145

■ 100.6520, 14.4686,
-20.7428

■ 0.0000, 0.0000,
0.0000

■ 126.1790, 15.1948,
-20.3280

■ 152.1790, 15.1948,
-20.3280

■ 178.9940, 15.7790,
-21.0427

■ 206.9940, 15.7790,

-21.0427

■ 233.6260, 10.5374,
-19.8430

■ 28.9180, 14.3374,
-25.3611

■ 31.8860, 12.8742,
-22.7020

■ 34.8540, 11.4110,
-20.0430

■ 37.5230, 10.0952,
-17.9987

■ 40.4910, 8.6319,
-15.3396

■ 43.4590, 7.1687,
-12.6805

■ 46.4270, 5.7055,
-10.0215

■ 49.3950, 4.2423,
-7.3624

■ 52.0640, 2.9264,
-5.3181

■ 55.0320, 1.4632,
-2.6591

Harmonies

Analogous

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



29.4080, 11.1379, -25.7908



28.9180, 14.3374, -25.3611



34.6430, 11.5150, -6.7029

Triad

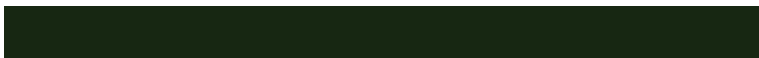
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.9180, 14.3374, -25.3611



35.3230, -3.1172, 19.8877



31.8220, -6.8142, -7.7369

Complementary

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



28.9180, 14.3374, -25.3611



29.0820, -14.3374, 25.3611

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.



32.9220, -11.7935, 2.6994



28.9180, 14.3374, -25.3611



34.9330, -8.3480, 17.5988

Square

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



28.9180, 14.3374, -25.3611



36.0820, 2.4246, 15.7141



33.9770, -11.8207, 11.4212



28.5690, 0.2125, -21.5470

Rectangle

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



28.9180, 14.3374, -25.3611



36.0140, 8.8671, 2.6187



33.9770, -11.8207, 11.4212



32.3880, -8.5723, -3.8483

Sweetspot

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



28.9180, 14.3374, -25.3611



65.4270, 5.7055, -10.0215



36.2120, -8.4855, -31.7579



31.4660, 3.2213, -6.5477



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.



28.9180, 14.3374, -25.3611



38.1280, 19.1639, -33.4383



12.4820, 22.4404, -10.9467



26.5160, 0.7316, -1.3295



45.7080, 22.8220, -40.0859



109.4940, 53.9865, -96.0262

Inverse Universe

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



21.6740, 8.0487, 31.8579



28.7230, 10.4896, 42.3389



45.5180, -22.4404, 10.9467



26.1250, 0.4314, 1.6444



34.3480, 12.6464, 50.5608



81.8970, 30.6168, 120.2393

Previews

White Background



This preview shows how the YUV color 28.9180, 14.3374, -25.3611 looks on a white background.

Color Contrast Check

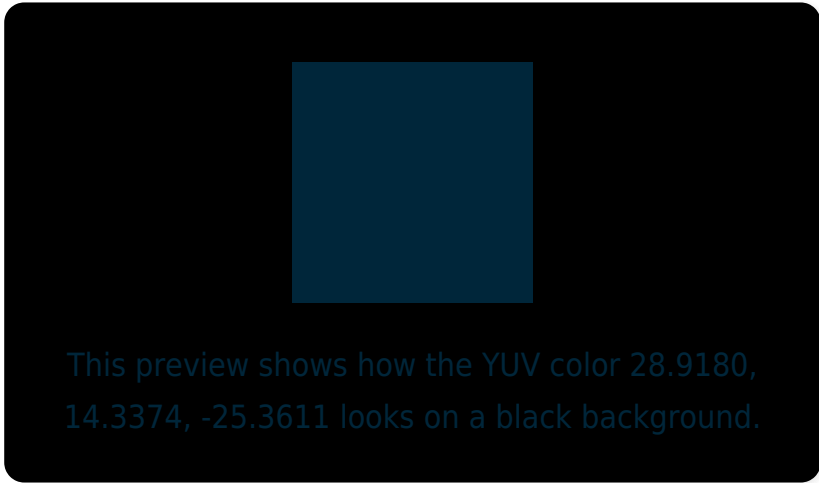
Large Text (above 18pt) WCAG AA ✓ Pass

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

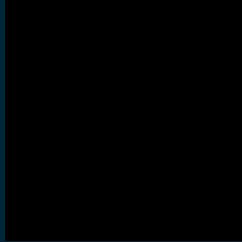
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.9180, 14.3374, -25.3611

Background



This preview shows how black text looks on a background with the YUV color 28.9180, 14.3374, -25.3611.



This preview shows how white text looks on a background with the YUV color 28.9180, 14.3374,

-25.3611.

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

35.6000, 10.0572, -5.7882

Deuteranopia

34.3220, 11.6733, -10.8064

Tritanopia

28.3820, 7.2067, -24.8910

Trichromacy



Protanomaly

33.0120, 11.8261, -13.1655

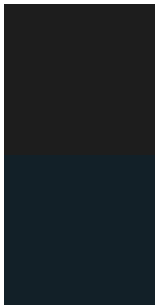
Deuteranomaly

32.5170, 12.5631, -16.2394

Tritanomaly

28.3650, 9.6801, -24.8761

Monochromacy



Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.7260, 5.5581, -9.4067

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.9180, 14.3374, -25.3611 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, 38, 58)` looks like.

```
.text, #text, p{  
    color:rgb(0, 38, 58)  
}
```

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, 38, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 38, 58) }
```

Border

The CSS property to change the border of an element to YUV 28.9180, 14.3374, -25.3611 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, 38, 58) }
```

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

```
.border{ border-color:rgb(0, 38, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 38, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 38, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 38, 58); box-shadow:4px  
4px 4px 4px rgb(0, 38, 58) }
```


Background

The CSS property to change the background color of an element to YUV 28.9180, 14.3374, -25.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 38, 58) }
```

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

```
.background{ background-color: rgb(0, 38,  
58) }
```

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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