

Converting Colors

YUV(29.9580, 13.8247, -0.8402)

Have a look what the booklet for
YUV(29.9580, 13.8247, -0.8402)
contains.

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Color

**YUV(29.9580, 13.8247,
-0.8402)**

Conversions

Conversions Part 1

Format	Color
Hex	1D193A
RGB	29, 25, 58
RGB Percent	11%, 10%, 23%
CMY	0.8863, 0.9020, 0.7725
CMYK	0.50, 0.57, 0.00, 0.77
HSL	247°, 40%, 16%
HSV	247°, 57%, 23%
XYZ	1.6180, 1.2620, 4.1613
YIQ	29.9580, -8.2090, 11.1110

Conversions

Conversions Part 2

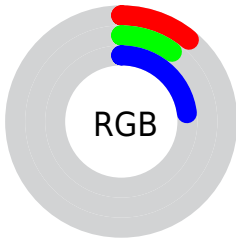
Format	Color
RYB	29, 25, 58
Decimal	1907002
CIELab	11.01, 12.22, -20.80
CIELCh	11, 24.125, 300.419
Yxy	1.2620, 0.2298, 0.1792
Android (android.graphics.Color)	4280097082 (0xFF1D193A)
YUV	29.9580, 13.8247, -0.8402
Hunter-Lab	11.2337, 6.0513, -14.0991

Details

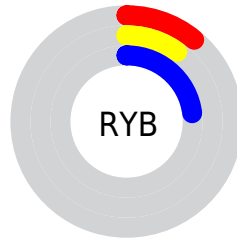
The YUV color **29.9580, 13.8247, -0.8402** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **53.0420, -13.8247, 0.8402**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.3110, 15.1297, 0.6043**, and **2.0690, 5.3890, -1.8145** is the 20% darker color. If you saturate the color by 10%, you get **24.9410, 16.2981, -0.8253**, and if you desaturate by 10%, it is **34.9750, 11.3513, -0.8551**.

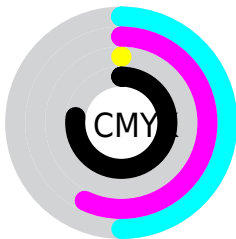
Distribution



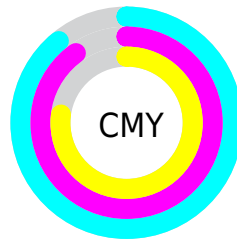
- Red (11%)
- Green (10%)
- Blue (23%)



- Red (11%)
- Yellow (10%)
- Blue (23%)



- Cyan (50%)
- Magenta (57%)
- Yellow (0%)
- Black (77%)



- Cyan (89%)
- Magenta (90%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.9580, 13.8247, -0.8402 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 29.9580, 13.8247, -0.8402 by changing the saturation by 10% instead.

■ 29.9580, 13.8247,
-0.8402

■ 29.9580, 13.8247,
-0.8402

■ 253.2390, 0.8682,
1.5444

■ 6.9090, 14.8349,
1.8338

■ 74.3110, 15.1297,
0.6043

■ 2.0690, 5.3890,
-1.8145

■ 97.9520, 16.2927,
0.9191

■ 0.0000, 0.0000,
0.0000

■ 123.3650, 16.5821,
1.4339

■ 149.4790, 17.0189,
1.3339

■ 176.0060, 17.7450,
1.7487

■ 203.1200, 18.1818,

1.6488

■ 229.9370, 12.3561,
3.5633

■ 29.9580, 13.8247,
-0.8402

■ 29.9580, 13.8247,
-0.8402

■ 24.9410, 16.2981,
-0.8253

■ 34.9750, 11.3513,
-0.8551

■ 19.9240, 18.7715,
-0.8103

■ 39.9920, 8.8779,
-0.8700

■ 15.4940, 20.9555,
-1.3102

■ 44.4220, 6.6940,
-0.3701

■ 10.4770, 23.4288,
-1.2953

■ 49.4390, 4.2206,
-0.3850

■ 8.7050, 24.3024,
-1.4953

■ 54.4560, 1.7472,
-0.3999

■ 59.7720, -0.8736,
0.2000

■ 64.7890, -3.3470,
0.1850

■ 69.2190, -5.5310,
0.6849

■ 74.2360, -8.0043,
0.6700

Harmonies

Analogous

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



25.2650, 18.1104, -22.1574



29.9580, 13.8247, -0.8402



29.8740, 7.9501, 16.7735

Triad

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



29.9580, 13.8247, -0.8402



28.1630, -13.8844, 20.0280



25.0250, 1.9597, -21.9469

Complementary

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



29.9580, 13.8247, -0.8402



53.0420, -13.8247, 0.8402

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.



22.2720, -6.0501, -19.5325



29.9580, 13.8247, -0.8402



28.3850, -13.9938, 8.4324

Square

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



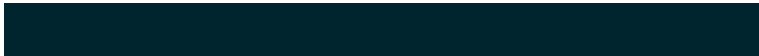
29.9580, 13.8247, -0.8402



27.5150, -7.6489, 26.7353



26.2480, -12.9403, -2.8485



26.9630, 9.3852, -23.6466

Rectangle

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



29.9580, 13.8247, -0.8402



28.3650, 3.2711, 24.2359



26.2480, -12.9403, -2.8485



24.3410, -0.6611, -21.3471

Sweetspot

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



29.9580, 13.8247, -0.8402



65.1940, 5.8204, -0.1701



45.7850, 6.0220, -18.2284



32.0970, 2.9102, -0.0851



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.



29.9580, 13.8247, -0.8402



32.1350, 22.1184, -0.9954



34.7420, 11.4662, 8.9963



25.6410, 1.1630, 0.3148



13.7770, 38.5639, -2.4354



33.0390, 91.6788, -5.2962

Inverse Universe

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



38.1730, 7.8027, 17.3883



45.0910, 12.2801, 27.9842



48.2580, -11.4662, -8.9963



26.2390, 0.8682, 1.5444



36.7420, 21.8192, 48.4613



87.4830, 52.0199, 115.3404

Previews

White Background



This preview shows how the YUV color 29.9580, 13.8247, -0.8402 looks on a white background.

Color Contrast Check

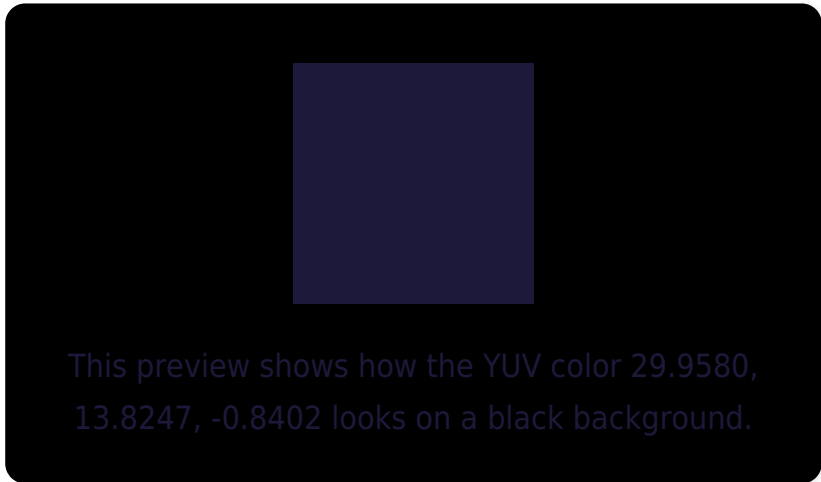
Large Text (above 18pt) WCAG AA ✓ Pass

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

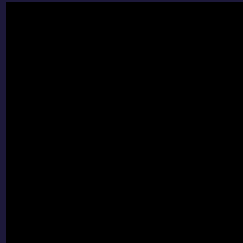
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.9580, 13.8247, -0.8402

Background



This preview shows how black text looks on a background with the YUV color 29.9580, 13.8247, -0.8402.



This preview shows how white text looks on a background with the YUV color 29.9580, 13.8247,

-0.8402.

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

29.9580, 13.8247, -0.8402

Protanopia

23.9770, 18.2523, -21.0278

Tritanopia

28.6510, 2.6371, -5.8329

Trichromacy



Original Color

29.9580, 13.8247, -0.8402

Protanomaly

26.5650, 16.4835, -13.6505

Tritanomaly

29.4000, 6.7048, -3.8588

Monochromacy



Original Color

29.9580, 13.8247, -0.8402

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.9660, 4.9468, 0.0298

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.9580, 13.8247, -0.8402 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(29, 25, 58)` looks like.

```
.text, #text, p{  
    color:rgb(29, 25, 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(29, 25, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 25, 58) }
```

Border

The CSS property to change the border of an element to YUV 29.9580, 13.8247, -0.8402 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(29, 25, 58) }
```

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

```
.border{ border-color:rgb(29, 25, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 25, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 25, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 25, 58);  
box-shadow:4px 4px 4px 4px rgb(29, 25, 58)  
}
```


Background

The CSS property to change the background color of an element to YUV 29.9580, 13.8247, -0.8402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 25, 58) }
```

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

```
.background{ background-color: rgb(29, 25,  
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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