

Converting Colors

YUV(27.9100, 9.9044, -3.4291)

Have a look what the booklet for
YUV(27.9100, 9.9044, -3.4291)
contains.

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Color

**YUV(27.9100, 9.9044,
-3.4291)**

Conversions

Conversions Part 1

Format	Color
Hex	181A30
RGB	24, 26, 48
RGB Percent	9%, 10%, 19%
CMY	0.9059, 0.8980, 0.8118
CMYK	0.50, 0.46, 0.00, 0.81
HSL	235°, 33%, 14%
HSV	235°, 50%, 19%
XYZ	1.2796, 1.1464, 2.9501
YIQ	27.9100, -8.2540, 6.4180

Conversions

Conversions Part 2

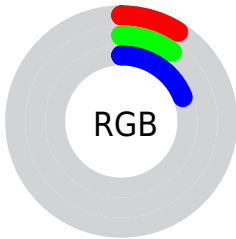
Format	Color
R_{YB}	24, 26, 48
Decimal	1579568
CIE Lab	10.16, 6.20, -14.97
CIE LCh	10, 16.208, 292.508
Yxy	1.1464, 0.2380, 0.2132
Android (android.graphics.Color)	4279769648 (0xFF181A30)
YUV	27.9100, 9.9044, -3.4291
Hunter-Lab	10.7069, 2.5955, -8.8417

Details

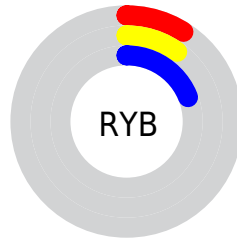
The YUV color **27.9100, 9.9044, -3.4291** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **44.0900, -9.9044, 3.4291**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.5510, 11.0674, -3.1142**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.0670, 11.7990, -4.4438**, and if you desaturate by 10%, it is **31.7530, 8.0098, -2.4144**.

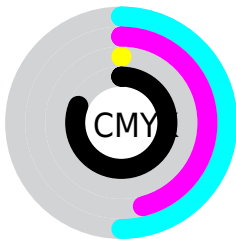
Distribution



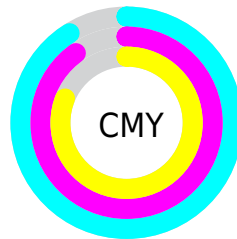
- Red (9%)
- Green (10%)
- Blue (19%)



- Red (9%)
- Yellow (10%)
- Blue (19%)



- Cyan (50%)
- Magenta (46%)
- Yellow (0%)
- Black (81%)



- Cyan (91%)
- Magenta (90%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.9100, 9.9044, -3.4291 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 27.9100, 9.9044, -3.4291 by changing the saturation by 10% instead.

■ 27.9100, 9.9044,
-3.4291

■ 27.9100, 9.9044,
-3.4291

■ 253.5270, 0.7262,
0.4148

■ 3.1920, 12.2303,
-2.7994

■ 71.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 95.0780, 11.7935,
-2.6994

■ 120.1920, 12.2303,
-2.7994

■ 146.1920, 12.2303,
-2.7994

■ 172.7190, 12.9565,
-2.3846

■ 199.8330, 13.3933,

-2.4845

■ 227.8330, 13.3933,
-2.4845

■ 27.9100, 9.9044,
-3.4291

■ 27.9100, 9.9044,
-3.4291

■ 24.0670, 11.7990,
-4.4438

■ 31.7530, 8.0098,
-2.4144

■ 19.6370, 13.9830,
-4.9436

■ 36.1830, 5.8258,
-1.9145

■ 16.0930, 15.7302,
-5.3436

■ 39.7270, 4.0786,
-1.5146

■ 11.6630, 17.9141,
-5.8435

■ 44.1570, 1.8946,
-1.0147

■ 7.8200, 19.8087,
-6.8581

■ 48.0000, 0.0000,
0.0000

■ 51.8430, -1.8946,
1.0147

■ 56.2730, -4.0786,
1.5146

■ 59.8170, -5.8258,
1.9145

■ 64.2470, -8.0098,
2.4144

Harmonies

Analogous

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



23.4950, 12.5740, -19.7281



27.9100, 9.9044, -3.4291



29.2490, 5.7932, 8.5516

Triad

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



27.9100, 9.9044, -3.4291



27.0530, -10.3791, 15.7395



22.2210, 1.3700, -19.4878

Complementary

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



27.9100, 9.9044, -3.4291



44.0900, -9.9044, 3.4291

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.



24.0390, -5.9352, -9.6812



27.9100, 9.9044, -3.4291



26.6240, -13.1256, 9.9768

Square

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



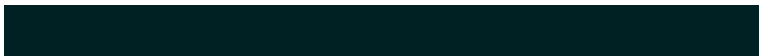
27.9100, 9.9044, -3.4291



27.7850, -3.8380, 17.7286



25.9820, -12.8091, 1.7698



23.4750, 6.1748, -20.5876

Rectangle

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



27.9100, 9.9044, -3.4291



28.5980, 3.1562, 14.3846



25.9820, -12.8091, 1.7698



22.0640, -0.5246, -18.4731

Sweetspot

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



27.9100, 9.9044, -3.4291



53.6130, 3.6418, -1.4146



40.5960, 2.6642, -14.5547



26.2710, 2.3314, -1.1147



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



27.9100, 9.9044, -3.4291



30.5660, 15.0040, -5.7584



29.7260, 9.0091, 3.7483



21.2280, 0.8736, -0.2000



14.0270, 35.9757, -12.3017



34.9620, 88.2657, -30.6617

Inverse Universe

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



31.4040, -2.6642, 14.5547



35.5190, -3.7069, 22.3468



42.2740, -9.0091, -3.7483



21.5980, -0.2948, 1.2296



26.8110, -9.7668, 52.7858



66.0380, -23.6827, 129.7627

Previews

White Background



This preview shows how the YUV color 27.9100, 9.9044, -3.4291 looks on a white background.

Color Contrast Check

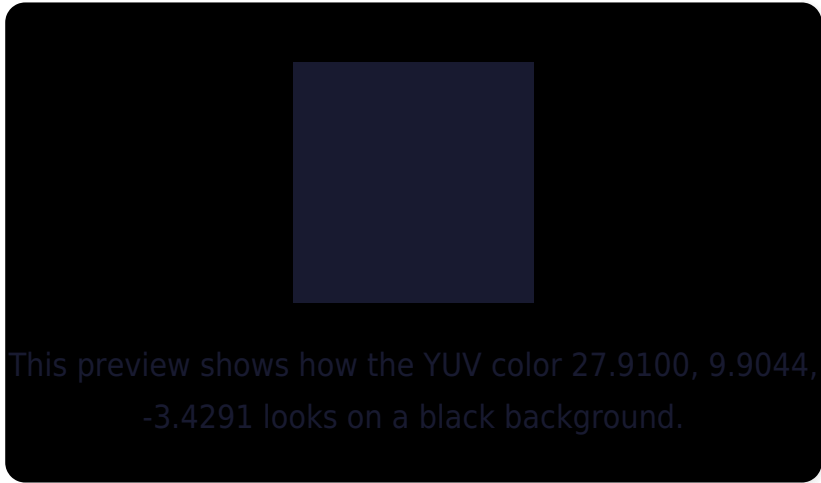
Large Text (above 18pt) WCAG AA ✓ Pass

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

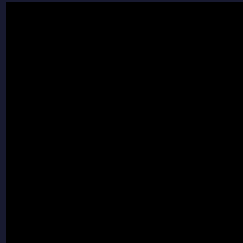
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.9100, 9.9044, -3.4291

Background



This preview shows how black text looks on a background with the YUV color 27.9100, 9.9044, -3.4291.



This preview shows how white text looks on a background with the YUV color 27.9100, 9.9044,

-3.4291.

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

27.9100, 9.9044, -3.4291

Protanopia

26.8170, 10.9362, -7.7325

Deuteranopia

25.9800, 10.3629, -10.5065



Tritanopia

26.9390, 2.4951, -6.9625

Trichromacy



Original Color

27.9100, 9.9044, -3.4291

Protanomaly

27.4150, 10.6414, -6.5030

Deuteranomaly

26.5890, 10.0626, -7.5326

Tritanomaly

27.6340, 5.1104, -5.8180

Monochromacy



Original Color

27.9100, 9.9044, -3.4291

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.9120, 3.4944, -0.7998

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.9100, 9.9044, -3.4291 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(24, 26, 48)` looks like.

```
.text, #text, p{  
    color:rgb(24, 26, 48)  
}
```

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(24, 26, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 26, 48) }
```

Border

The CSS property to change the border of an element to YUV 27.9100, 9.9044, -3.4291 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(24, 26, 48) }
```


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

```
.border{ border-color:rgb(24, 26, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 26, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 26, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 26, 48);  
box-shadow:4px 4px 4px 4px rgb(24, 26, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.9100, 9.9044, -3.4291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 26, 48) }
```

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

```
.background{ background-color: rgb(24, 26,  
48) }
```

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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