

Converting Colors

YUV(28.4930, 9.1240, 13.5996)

Have a look what the booklet for
YUV(28.4930, 9.1240, 13.5996)
contains.

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Color

**YUV(28.4930, 9.1240,
13.5996)**

Conversions

Conversions Part 1

Format	Color
Hex	2C112F
RGB	44, 17, 47
RGB Percent	17%, 7%, 18%
CMY	0.8275, 0.9333, 0.8157
CMYK	0.06, 0.64, 0.00, 0.82
HSL	294°, 47%, 13%
HSV	294°, 64%, 18%
XYZ	1.7522, 1.1416, 2.8173
YIQ	28.4930, 6.4620, 15.0540

Conversions

Conversions Part 2

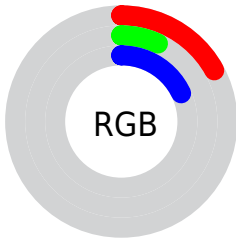
Format	Color
R_YB	44, 17, 47
Decimal	2887983
CIE _{Lab}	10.12, 19.50, -14.12
CIE _{LCh}	10, 24.078, 324.092
Yxy	1.1416, 0.3068, 0.1999
Android (android.graphics.Color)	4281078063 (0xFF2C112F)
YUV	28.4930, 9.1240, 13.5996
Hunter-Lab	10.6846, 10.5755, -8.1544

Details

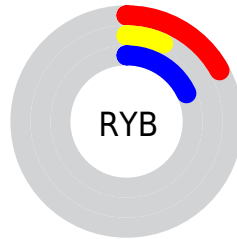
The YUV color **28.4930, 9.1240, 13.5996** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **35.5070, -9.1240, -13.5996**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.0310, 9.8447, 15.7588**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.5580, 10.5709, 16.1736**, and if you desaturate by 10%, it is **31.4280, 7.6770, 11.0256**.

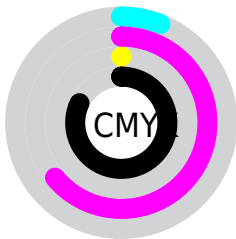
Distribution



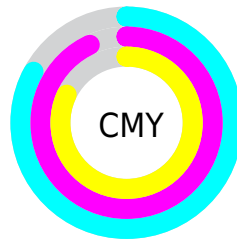
- Red (17%)
- Green (7%)
- Blue (18%)



- Red (17%)
- Yellow (7%)
- Blue (18%)



- Cyan (6%)
- Magenta (64%)
- Yellow (0%)
- Black (82%)



- Cyan (83%)
- Magenta (93%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.4930, 9.1240, 13.5996 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 28.4930, 9.1240, 13.5996 by changing the saturation by 10% instead.

■ 28.4930, 9.1240,
13.5996

■ 28.4930, 9.1240,
13.5996

■ 248.5430, 3.1833,
5.6628

■ 10.8520, 7.9610,
13.2848

■ 73.0310, 9.8447,
15.7588

■ 0.0000, 0.0000,
0.0000

■ 97.4440, 10.1341,
16.2736

■ 121.8570, 10.4235,
16.7884

■ 148.2700, 10.7129,
17.3032

■ 174.6830, 11.0023,
17.8180

■ 202.3950, 11.1443,

18.9476

■ 230.5090, 11.5811,
18.8476

■ 28.4930, 9.1240,
13.5996

■ 28.4930, 9.1240,
13.5996

■ 25.5580, 10.5709,
16.1736

■ 31.4280, 7.6770,
11.0256

■ 22.9110, 11.8759,
17.6181

■ 34.0750, 6.3720,
9.5812

■ 19.9760, 13.3228,
20.1920

■ 37.0100, 4.9251,
7.0072

■ 17.9160, 14.3384,
21.1217

■ 40.2440, 3.3307,
5.0480

■ 43.1790, 1.8838,
2.4740

■ 45.8260, 0.5788,
1.0296

■ 48.7610, -0.8682,
-1.5444

■ 51.9950, -2.4625,
-3.5036

■ 54.3430, -3.6201,
-5.5628

Harmonies

Analogous

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



27.2670, 15.1514, -6.3732



28.4930, 9.1240, 13.5996



26.5500, 2.6868, 24.9506

Triad

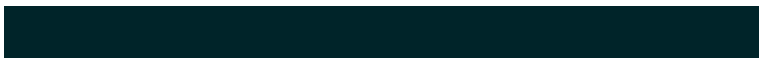
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.4930, 9.1240, 13.5996



26.9230, -13.2730, 10.5915



25.8060, 7.4906, -22.6319

Complementary

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



28.4930, 9.1240, 13.5996



35.5070, -9.1240, -13.5996

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.



23.2810, 0.3545, -20.4174



28.4930, 9.1240, 13.5996



25.3730, -12.5089, -1.2041

Square

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



28.4930, 9.1240, 13.5996



26.4020, -13.0162, 21.5724



20.4850, -9.1131, -17.0883



26.1140, 13.7478, -22.9020

Rectangle

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



28.4930, 9.1240, 13.5996



25.8940, -2.4127, 27.2800



20.4850, -9.1131, -17.0883



25.1220, 4.8699, -22.0320

Sweetspot

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



28.4930, 9.1240, 13.5996



54.2440, 3.3307, 5.0480



22.1810, 12.2358, -4.5437



26.5920, 2.1731, 2.9888



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.



28.4930, 9.1240, 13.5996



31.9160, 14.3384, 21.1217



28.0220, 3.4402, 16.6437



21.8260, 0.5788, 1.0296



33.2400, 26.5037, 39.2545



82.1030, 65.0252, 97.2567

Inverse Universe

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



26.3120, -3.1118, 18.1434



28.6230, -4.7441, 28.3946



35.9780, -3.4402, -16.6437



21.5980, -0.2948, 1.2296



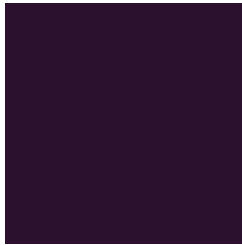
27.0390, -8.8932, 52.5858



66.3800, -22.3723, 129.4627

Previews

White Background



This preview shows how the YUV color 28.4930, 9.1240, 13.5996 looks on a white background.

Color Contrast Check

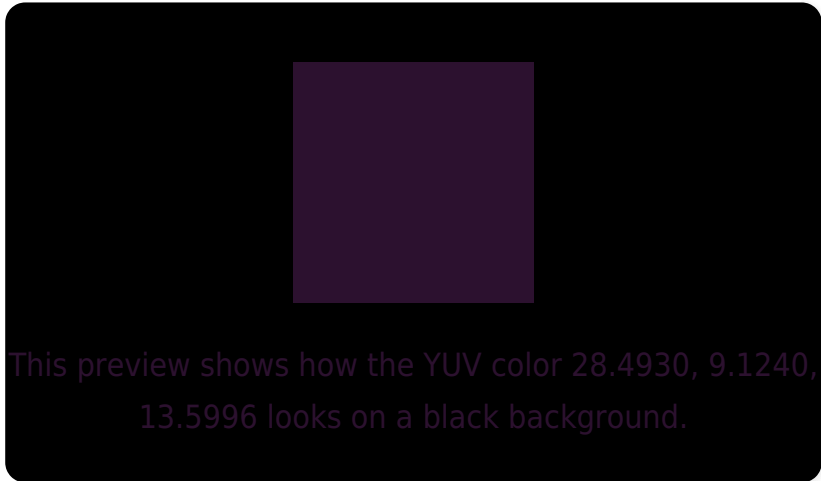
Large Text (above 18pt) WCAG AA ✓ Pass

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

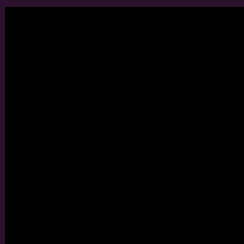
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.4930, 9.1240, 13.5996

Background



This preview shows how black text looks on a background with the YUV color 28.4930, 9.1240, 13.5996.



This preview shows how white text looks on a background with the YUV color 28.4930, 9.1240,

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

28.4930, 9.1240, 13.5996

Protanopia

25.6250, 15.4679, -14.5801

Deuteranopia

28.1330, 8.3154, -7.1326



Tritanopia

29.1970, -2.0691, 10.3512

Trichromacy



Original Color

28.4930, 9.1240, 13.5996

Protanomaly

26.7080, 12.9620, -4.1289

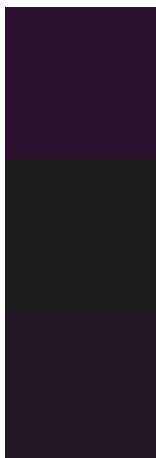
Deuteranomaly

28.5900, 8.5831, 0.3596

Tritanomaly

28.6470, 2.1460, 11.7106

Monochromacy



Original Color

28.4930, 9.1240, 13.5996

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.2440, 3.3307, 5.0480

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.4930, 9.1240, 13.5996 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(44, 17, 47)` looks like.

```
.text, #text, p{  
    color:rgb(44, 17, 47)  
}
```

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(44, 17, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 17, 47) }
```

Border

The CSS property to change the border of an element to YUV 28.4930, 9.1240, 13.5996 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(44, 17, 47) }
```


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

```
.border{ border-color:rgb(44, 17, 47) }
```

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

Here you see how a box with a 4 pixel rgb(44, 17, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 17, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 17, 47);  
box-shadow:4px 4px 4px 4px rgb(44, 17, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.4930, 9.1240, 13.5996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 17, 47) }
```

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

```
.background{ background-color: rgb(44, 17,  
47) }
```

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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