

Converting Colors

YUV(28.7290, 1.1196, 14.2697)

Have a look what the booklet for
YUV(28.7290, 1.1196, 14.2697)
contains.

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Color

**YUV(28.7290, 1.1196,
14.2697)**

Conversions

Conversions Part 1

Format	Color
Hex	2D141F
RGB	45, 20, 31
RGB Percent	18%, 8%, 12%
CMY	0.8235, 0.9216, 0.8784
CMYK	0.00, 0.56, 0.31, 0.82
HSL	334°, 38%, 13%
HSV	334°, 56%, 18%
XYZ	1.5797, 1.1571, 1.4364
YIQ	28.7290, 11.3690, 8.7210

Conversions

Conversions Part 2

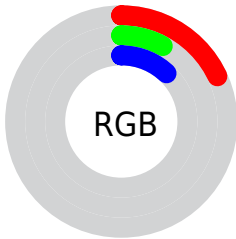
Format	Color
R_{YB}	45, 20, 31
Decimal	2954271
CIE Lab	10.24, 14.51, -2.02
CIE LCh	10, 14.647, 352.070
Yxy	1.1571, 0.3785, 0.2773
Android (android.graphics.Color)	4281144351 (0xFF2D141F)
YUV	28.7290, 1.1196, 14.2697
Hunter-Lab	10.7570, 7.3880, -0.3873

Details

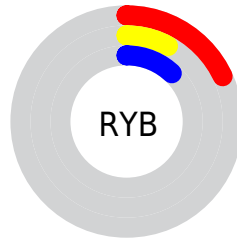
The YUV color **28.7290, 1.1196, 14.2697** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **36.2710, -1.1196, -14.2697**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.0390, 0.9668, 16.6288**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.0390, 0.9668, 16.6288**, and if you desaturate by 10%, it is **32.0060, 0.9830, 11.3957**.

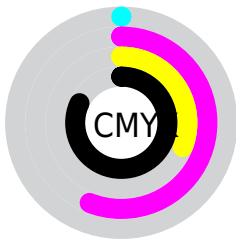
Distribution



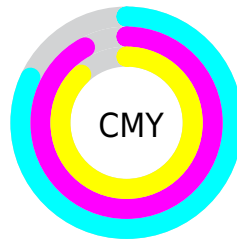
- Red (18%)
- Green (8%)
- Blue (12%)



- Red (18%)
- Yellow (8%)
- Blue (12%)



- Cyan (0%)
- Magenta (56%)
- Yellow (31%)
- Black (82%)



- Cyan (82%)
- Magenta (92%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.7290, 1.1196, 14.2697 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 28.7290, 1.1196, 14.2697 by changing the saturation by 10% instead.

■ 28.7290, 1.1196,
14.2697

■ 28.7290, 1.1196,
14.2697

■ 249.7170, 2.6045,
4.6332

■ 8.7570, -1.3592,
15.9991

■ 73.0390, 0.9668,
16.6288

■ 0.0000, 0.0000,
0.0000

■ 97.2240, 0.3826,
17.3436


■ 121.9360, 0.5246,
18.4731

■ 147.9360, 0.5246,
18.4731

■ 174.6480, 0.6665,
19.6027

■ 201.9470, 0.5191,

20.2175

 229.9470, 0.5191,
20.2175


 28.7290, 1.1196,
14.2697

 28.7290, 1.1196,
14.2697

 26.0390, 0.9668,
16.6288

 32.0060, 0.9830,
11.3957


 22.8760, 1.5401,
19.4027

 34.5820, 0.6991,
9.1366


 19.5990, 1.6767,
22.2767

 37.8590, 0.5625,
6.2627

 17.0230, 1.9607,
24.5358

 40.4350, 0.2785,
4.0035

 15.7350, 2.1026,
25.6654

 43.7120, 0.1420,
1.1296

■ 46.2880, -0.1420,
-1.1296

■ 49.5650, -0.2785,
-4.0035

■ 52.1410, -0.5625,
-6.2627

■ 55.4180, -0.6991,
-9.1366

Harmonies

Analogous

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



29.4230, 5.2145, 7.5220



28.7290, 1.1196, 14.2697



28.1870, -3.5432, 16.4990

Triad

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



28.7290, 1.1196, 14.2697



26.4380, -11.0619, 1.3699



23.6860, 9.5218, -20.7726

Complementary

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



28.7290, 1.1196, 14.2697



36.2710, -1.1196, -14.2697

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.



23.3610, 5.7380, -20.4876



28.7290, 1.1196, 14.2697



24.8650, -5.3564, -8.6516

Square

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



28.7290, 1.1196, 14.2697



26.5530, -12.1046, 9.1620



22.5200, 1.2226, -18.8730



24.4630, 11.1107, -17.0691

Rectangle

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



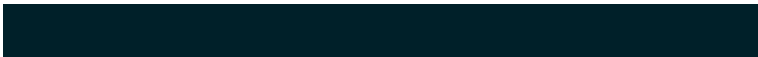
28.7290, 1.1196, 14.2697



27.9650, -6.8847, 14.9397



22.5200, 1.2226, -18.8730



23.4580, 8.6482, -20.5727

Sweetspot

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



28.7290, 1.1196, 14.2697



52.4460, 0.2731, 5.7479



27.0360, 8.8563, 6.1074



26.4350, 0.2785, 4.0035



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.



28.7290, 1.1196, 14.2697



33.0120, 1.9661, 22.7915



28.0620, -3.9746, 14.8546



21.7120, 0.1420, 1.1296



30.3450, 3.7739, 49.6864



74.7020, 9.5139, 122.1643

Inverse Universe

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



28.7290, 1.1196, 14.2697



33.0120, 1.9661, 22.7915



36.9380, 3.9746, -14.8546



21.7120, 0.1420, 1.1296



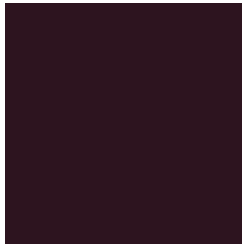
30.3450, 3.7739, 49.6864



74.7020, 9.5139, 122.1643

Previews

White Background



This preview shows how the YUV color 28.7290, 1.1196, 14.2697 looks on a white background.

Color Contrast Check

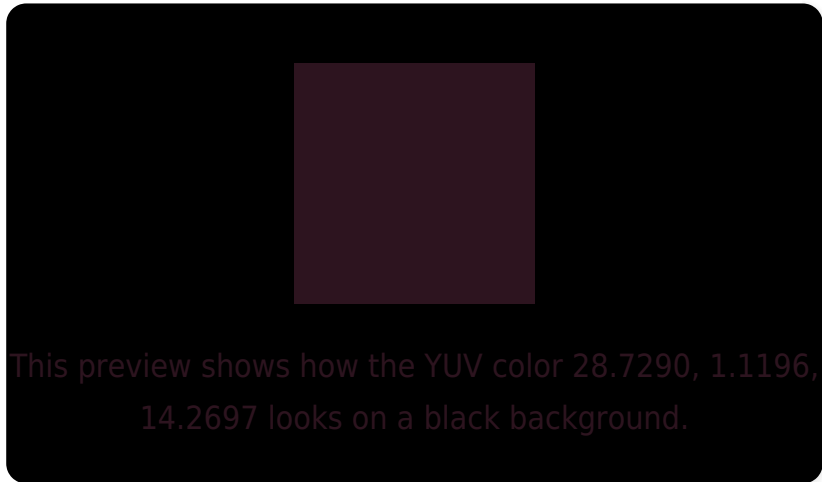
Large Text (above 18pt) WCAG AA ✓ Pass

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

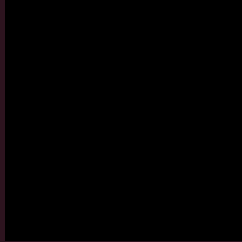
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.7290, 1.1196, 14.2697

Background



This preview shows how black text looks on a background with the YUV color 28.7290, 1.1196, 14.2697.



This preview shows how white text looks on a background with the YUV color 28.7290, 1.1196, 14.2697.

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

28.7290, 1.1196, 14.2697

Protanopia

28.6130, 3.6418, -1.4146

Deuteranopia

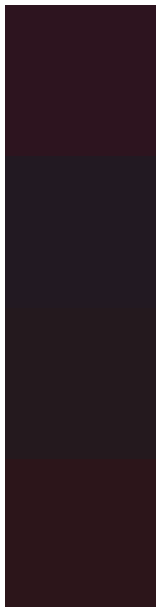
29.1250, 0.4314, 1.6444



Tritanopia

28.6920, -2.8062, 13.4251

Trichromacy



Original Color

28.7290, 1.1196, 14.2697

Protanomaly

28.7170, 2.6045, 4.6332

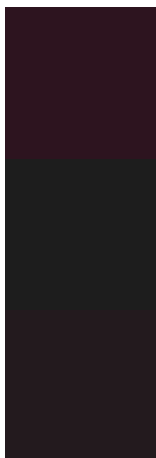
Deuteranomaly

28.8590, 0.5625, 6.2627

Tritanomaly

28.4470, -1.2064, 13.6400

Monochromacy



Original Color

28.7290, 1.1196, 14.2697

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.1470, 0.4205, 5.1331

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.7290, 1.1196, 14.2697 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(45, 20, 31)` looks like.

```
.text, #text, p{  
    color:rgb(45, 20, 31)  
}
```

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(45, 20, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 20, 31) }
```

Border

The CSS property to change the border of an element to YUV 28.7290, 1.1196, 14.2697 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(45, 20, 31) }
```


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

```
.border{ border-color:rgb(45, 20, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 20, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 20, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 20, 31);  
box-shadow:4px 4px 4px 4px rgb(45, 20, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.7290, 1.1196, 14.2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 20, 31) }
```

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

```
.background{ background-color: rgb(45, 20,  
31) }
```

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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