

Converting Colors

YUV(30.2570, 17.1283, 12.9296)

Have a look what the booklet for
YUV(30.2570, 17.1283, 12.9296)
contains.

YUV(30.2570, 17.1283, 12.9296)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(30.2570, 17.1283,
12.9296)**

Conversions

Conversions Part 1

Format	Color
Hex	2D1041
RGB	45, 16, 65
RGB Percent	18%, 6%, 25%
CMY	0.8235, 0.9373, 0.7451
CMYK	0.31, 0.75, 0.00, 0.75
HSL	276°, 60%, 16%
HSV	276°, 75%, 25%
XYZ	2.2216, 1.3101, 5.1368
YIQ	30.2570, 1.5550, 21.3870

Conversions

Conversions Part 2

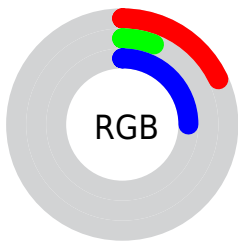
Format	Color
R_{YB}	45, 16, 65
Decimal	2953281
CIE _{Lab}	11.35, 25.09, -25.12
CIE _{LCh}	11, 35.502, 314.965
Yxy	1.3101, 0.2563, 0.1511
Android (android.graphics.Color)	4281143361 (0xFF2D1041)
YUV	30.2570, 17.1283, 12.9296
Hunter-Lab	11.4461, 14.6152, -18.5962

Details

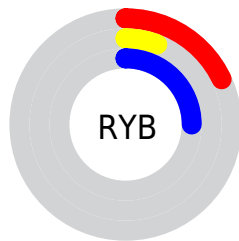
The YUV color **30.2570, 17.1283, 12.9296** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **50.7430, -17.1283, -12.9296**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.9090, 18.2859, 14.9888**, and **2.9810, 8.8834, -2.6143** is the 20% darker color. If you saturate the color by 10%, you get **25.2510, 19.5963, 14.6889**, and if you desaturate by 10%, it is **34.6760, 14.9497, 11.6851**.

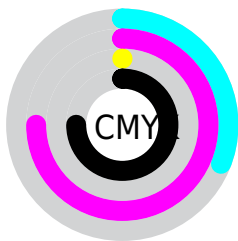
Distribution



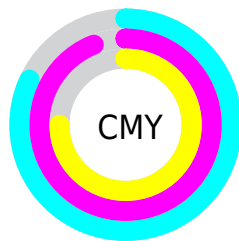
- Red (18%)
- Green (6%)
- Blue (25%)



- Red (18%)
- Yellow (6%)
- Blue (25%)



- Cyan (31%)
- Magenta (75%)
- Yellow (0%)
- Black (75%)



- Cyan (82%)
- Magenta (94%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.2570, 17.1283, 12.9296 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 30.2570, 17.1283, 12.9296 by changing the saturation by 10% instead.

■ 30.2570, 17.1283,
12.9296

■ 30.2570, 17.1283,
12.9296

■ 248.5430, 3.1833,
5.6628

■ 12.9750, 14.8023,
12.2999

■ 75.9090, 18.2859,
14.9888

■ 2.9810, 8.8834,
-2.6143

■ 100.4360, 19.0121,
15.4036

■ 0.0000, 0.0000,
0.0000

■ 125.8490, 19.3014,
15.9184

■ 151.7890, 20.3170,
16.8480

■ 179.2020, 20.6064,
17.3628

■ 206.6150, 20.8958,

17.8776

■ 232.1070, 11.2862,
20.0772

■ 30.2570, 17.1283,
12.9296

■ 30.2570, 17.1283,
12.9296

■ 25.2510, 19.5963,
14.6889

■ 34.6760, 14.9497,
11.6851

■ 21.1310, 21.6274,
16.5481

■ 39.3830, 12.6292,
9.3111

■ 18.7720, 22.7904,
16.8630

■ 44.3890, 10.1612,
7.5518

■ 48.8080, 7.9827,
6.3074

■ 53.5150, 5.6621,
3.9333

■ 57.9340, 3.4835,
2.6889

■ 62.3530, 1.3050,
1.4444

■ 67.0600, -1.0156,
-0.9296

■ 71.4790, -3.1941,
-2.1741

Harmonies

Analogous

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



25.9150, 25.6779, -22.7275



30.2570, 17.1283, 12.9296



24.6360, 9.0535, 36.2762

Triad

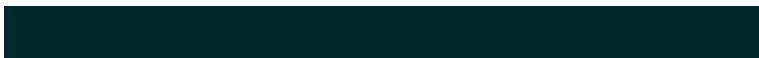
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.2570, 17.1283, 12.9296



29.3260, -14.4577, 17.2541



28.8550, 6.4805, -25.3058

Complementary

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



30.2570, 17.1283, 12.9296



50.7430, -17.1283, -12.9296

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.



25.3040, -4.5869, -22.1916



30.2570, 17.1283, 12.9296



27.7430, -13.6773, 0.2254

Square

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



30.2570, 17.1283, 12.9296



25.0060, -12.3280, 34.1977



22.3060, -10.9969, -19.5624



30.7760, 16.3794, -26.9906

Rectangle

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



30.2570, 17.1283, 12.9296



24.3070, 1.3276, 40.9498



22.3060, -10.9969, -19.5624



27.9430, 2.9861, -24.5060

Sweetspot

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



30.2570, 17.1283, 12.9296



70.4550, 6.6777, 4.8630



33.3260, 15.6153, -15.1949



34.4610, 4.2097, 3.1037



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



30.2570, 17.1283, 12.9296



30.1190, 26.5633, 20.0666



35.7810, 12.4330, 25.6251



30.9400, 1.0156, 0.9296



28.1010, 33.9672, 25.3444



65.3030, 78.2376, 59.3703

Inverse Universe

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



32.9310, 1.5130, 28.1245



34.2580, 2.3378, 43.6237



45.2190, -12.4330, -25.6251



31.0110, -0.0054, 1.7444



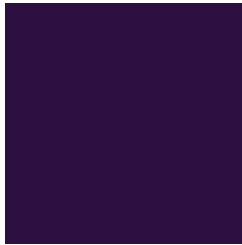
33.5630, 3.1734, 55.6342



77.4640, 7.1662, 128.5121

Previews

White Background



This preview shows how the YUV color 30.2570, 17.1283, 12.9296 looks on a white background.

Color Contrast Check

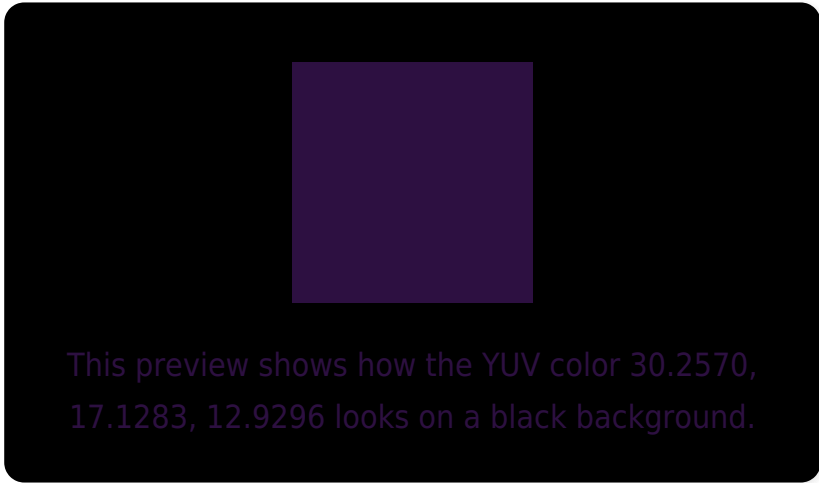
Large Text (above 18pt) WCAG AA ✓ Pass

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

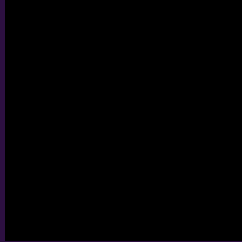
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.2570, 17.1283, 12.9296

Background



This preview shows how black text looks on a background with the YUV color 30.2570, 17.1283, 12.9296.



This preview shows how white text looks on a background with the YUV color 30.2570, 17.1283,

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

30.2570, 17.1283, 12.9296

Protanopia

24.9060, 19.2733, -21.8426

Deuteranopia

25.1680, 15.2002, -22.0723



Tritanopia

32.2180, -0.6005, 5.9478

Trichromacy



Original Color

30.2570, 17.1283, 12.9296

Protanomaly

26.7550, 18.3618, -9.4321

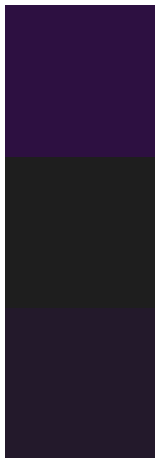
Deuteranomaly

26.7720, 15.8884, -9.4470

Tritanomaly

31.2490, 5.7932, 8.5516

Monochromacy



Original Color

30.2570, 17.1283, 12.9296

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.0420, 6.3883, 4.3482

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.2570, 17.1283, 12.9296 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, 16, 65)` looks like.

```
.text, #text, p{  
    color:rgb(45, 16, 65)  
}
```

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, 16, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 16, 65) }
```

Border

The CSS property to change the border of an element to YUV 30.2570, 17.1283, 12.9296 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, 16, 65) }
```


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

```
.border{ border-color:rgb(45, 16, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 16, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 16, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 16, 65);  
box-shadow:4px 4px 4px 4px rgb(45, 16, 65)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.2570, 17.1283, 12.9296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 16, 65) }
```

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

```
.background{ background-color: rgb(45, 16,  
65) }
```

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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