

Converting Colors

YUV(30.6570, 23.8331, 9.0708)

Have a look what the booklet for
YUV(30.6570, 23.8331, 9.0708)
contains.

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Color

**YUV(30.6570, 23.8331,
9.0708)**

Conversions

Conversions Part 1

Format	Color
Hex	29104F
RGB	41, 16, 79
RGB Percent	16%, 6%, 31%
CMY	0.8392, 0.9373, 0.6902
CMYK	0.48, 0.80, 0.00, 0.69
HSL	264°, 66%, 19%
HSV	264°, 80%, 31%
XYZ	2.5110, 1.4065, 7.5363
YIQ	30.6570, -5.3230, 24.8930

Conversions

Conversions Part 2

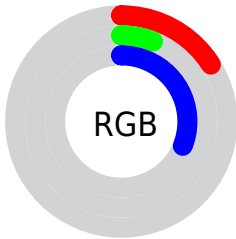
Format	Color
RYB	41, 16, 79
Decimal	2691151
CIELab	12.00, 28.22, -33.84
CIELCh	12, 44.063, 309.829
Yxy	1.4065, 0.2192, 0.1228
Android (android.graphics.Color)	4280881231 (0xFF29104F)
YUV	30.6570, 23.8331, 9.0708
Hunter-Lab	11.8596, 17.0392, -29.3744

Details

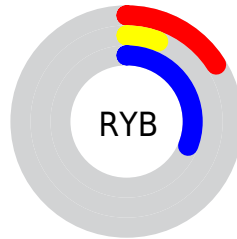
The YUV color **30.6570, 23.8331, 9.0708** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **64.3430, -23.8331, -9.0708**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.7220, 25.2801, 11.6448**, and **4.9360, 13.8356, -4.3289** is the 20% darker color. If you saturate the color by 10%, you get **24.4660, 26.8853, 10.1153**, and if you desaturate by 10%, it is **36.8480, 20.7809, 8.0263**.

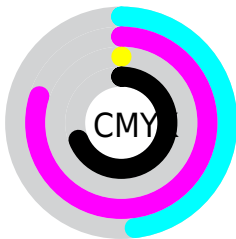
Distribution



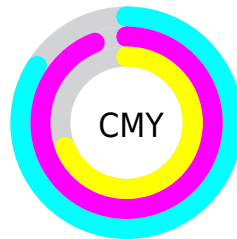
- Red (16%)
- Green (6%)
- Blue (31%)



- Red (16%)
- Yellow (6%)
- Blue (31%)



- Cyan (48%)
- Magenta (80%)
- Yellow (0%)
- Black (69%)



- Cyan (84%)
- Magenta (94%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.6570, 23.8331, 9.0708 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 30.6570, 23.8331, 9.0708 by changing the saturation by 10% instead.

■ 30.6570, 23.8331,
9.0708

■ 30.6570, 23.8331,
9.0708

■ 249.1300, 2.8939,
5.1480

■ 12.6630, 21.3651,
7.3115

■ 77.7220, 25.2801,
11.6448

■ 4.9360, 13.8356,
-4.3289

■ 101.6620, 26.2956,
12.5744

■ 0.7980, 3.0576,
-0.6998

■ 127.4880, 26.8744,
13.6040


■ 0.0000, 0.0000,
0.0000


■ 154.0150, 27.6006,
14.0188


■ 180.8410, 28.1794,
15.0484


■ 207.0000, 23.6640,


16.6630


 232.1070, 11.2862,
20.0772


 30.6570, 23.8331,
9.0708


 30.6570, 23.8331,
9.0708


 24.4660, 26.8853,
10.1153


 36.8480, 20.7809,
8.0263

 18.2750, 29.9374,
11.1598

 43.0390, 17.7288,
6.9818

 48.9310, 14.8240,
5.3225

 55.1220, 11.7719,
4.2780

 61.3130, 8.7197,
3.2335

■ 66.9170, 5.9569,
2.7038

■ 72.8090, 3.0522,
1.0445

■ 79.0000, 0.0000,
0.0000

■ 85.1910, -3.0522,
-1.0445

Harmonies

Analogous

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



29.9730, 31.0723, -26.2863



30.6570, 23.8331, 9.0708



27.8690, 12.3896, 39.5799

Triad

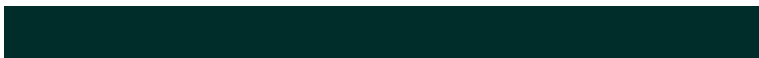
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.6570, 23.8331, 9.0708



29.6580, -14.6214, 23.1019



30.5020, 5.1755, -26.7503

Complementary

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



30.6570, 23.8331, 9.0708



64.3430, -23.8331, -9.0708

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.



25.6970, -10.6966, -22.5363



30.6570, 23.8331, 9.0708



29.5260, -14.5563, 2.1697

Square

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



30.6570, 23.8331, 9.0708



22.1260, -10.9081, 45.4935



23.4800, -11.5756, -20.5920



33.8080, 17.8427, -29.6496

Rectangle

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



30.6570, 23.8331, 9.0708



27.6820, 2.6218, 45.8829



23.4800, -11.5756, -20.5920



29.2480, 0.3707, -25.6505

Sweetspot

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



30.6570, 23.8331, 9.0708



83.4270, 9.1565, 3.1335



46.0750, 16.2320, -26.3758



39.5040, 5.6675, 2.1890



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



30.6570, 23.8331, 9.0708



26.8330, 37.0573, 14.1785



39.9260, 19.2635, 28.1289



35.0540, 1.4524, 0.8296



23.5880, 38.6571, 14.3933



53.4290, 87.0495, 32.9498

Inverse Universe

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



39.1690, 7.3117, 34.9318



40.0280, 11.3252, 54.3494



55.0740, -19.2635, -28.1289



35.5380, 0.7208, 2.1592



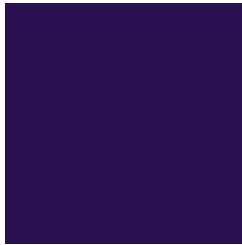
37.5660, 12.0460, 56.5086



84.5020, 26.3745, 127.6017

Previews

White Background



This preview shows how the YUV color 30.6570, 23.8331, 9.0708 looks on a white background.

Color Contrast Check

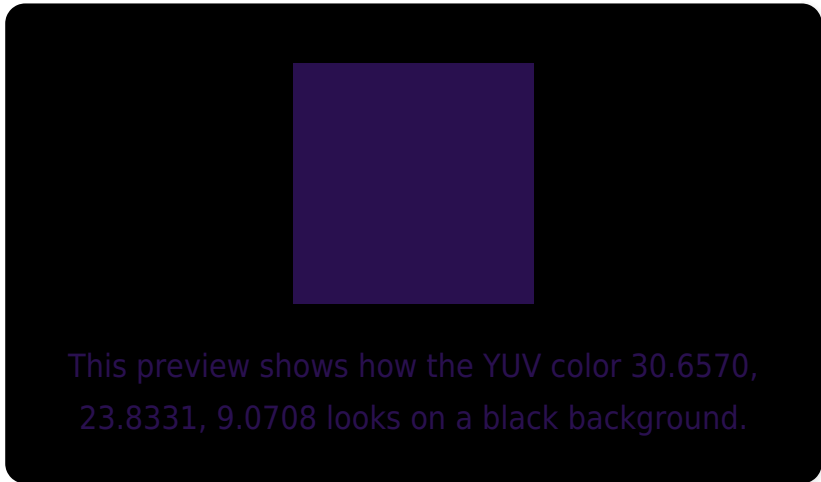
Large Text (above 18pt) WCAG AA ✓ Pass

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

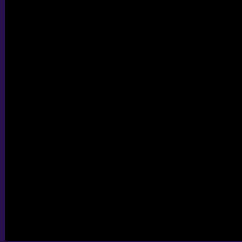
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.6570, 23.8331, 9.0708

Background



This preview shows how black text looks on a background with the YUV color 30.6570, 23.8331, 9.0708.



This preview shows how white text looks on a background with the YUV color 30.6570, 23.8331,

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

30.6570, 23.8331, 9.0708

Protanopia

26.4220, 20.0050, -23.1721

Deuteranopia

26.4560, 15.0582, -23.2019



Tritanopia

32.1460, 1.9000, -2.7590

Trichromacy



Original Color

30.6570, 23.8331, 9.0708

Protanomaly

27.8410, 21.2774, -11.2616

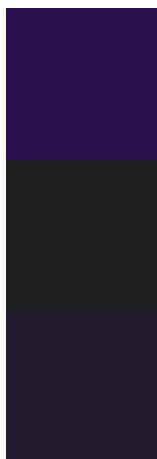
Deuteranomaly

27.7440, 18.3672, -11.1765

Tritanomaly

31.6440, 10.0355, 1.1892

Monochromacy



Original Color

30.6570, 23.8331, 9.0708

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.1990, 8.2829, 3.3335

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.6570, 23.8331, 9.0708 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(41, 16, 79)` looks like.

```
.text, #text, p{  
    color:rgb(41, 16, 79)  
}
```

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(41, 16, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 16, 79) }
```

Border

The CSS property to change the border of an element to YUV 30.6570, 23.8331, 9.0708 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(41, 16, 79) }
```


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

```
.border{ border-color:rgb(41, 16, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 16, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 16, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 16, 79);  
box-shadow:4px 4px 4px 4px rgb(41, 16, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.6570, 23.8331, 9.0708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 16, 79) }
```

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

```
.background{ background-color: rgb(41, 16,  
79) }
```

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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