

Converting Colors

YUV(31.3400, 14.6224, 23.3808)

Have a look what the booklet for
YUV(31.3400, 14.6224, 23.3808)
contains.

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Color

**YUV(31.3400, 14.6224,
23.3808)**

Conversions

Conversions Part 1

Format	Color
Hex	3A0C3D
RGB	58, 12, 61
RGB Percent	23%, 5%, 24%
CMY	0.7725, 0.9529, 0.7608
CMYK	0.05, 0.80, 0.00, 0.76
HSL	296°, 67%, 14%
HSV	296°, 80%, 24%
XYZ	2.7187, 1.4994, 4.5610
YIQ	31.3400, 11.6870, 24.9910

Conversions

Conversions Part 2

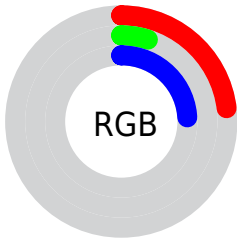
Format	Color
RYB	58, 12, 61
Decimal	3804221
CIELab	12.60, 29.62, -20.14
CIELCh	13, 35.818, 325.783
Yxy	1.4994, 0.3097, 0.1708
Android (android.graphics.Color)	4281994301 (0xFF3A0C3D)
YUV	31.3400, 14.6224, 23.3808
Hunter-Lab	12.2450, 18.2026, -13.5127

Details

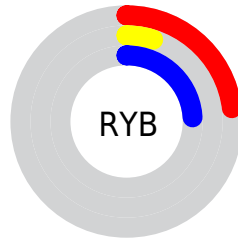
The YUV color **31.3400, 14.6224, 23.3808** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **41.6600, -14.6224, -23.3808**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.0520, 14.7644, 24.5104**, and **2.5250, 7.1362, -2.2144** is the 20% darker color. If you saturate the color by 10%, you get **27.8180, 16.3587, 26.4696**, and if you desaturate by 10%, it is **34.8620, 12.8860, 20.2920**.

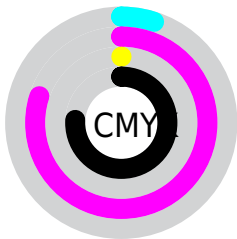
Distribution



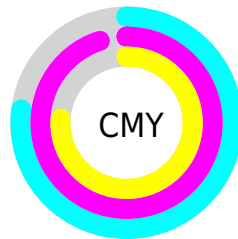
- Red (23%)
- Green (5%)
- Blue (24%)



- Red (23%)
- Yellow (5%)
- Blue (24%)



- Cyan (5%)
- Magenta (80%)
- Yellow (0%)
- Black (76%)



- Cyan (77%)
- Magenta (95%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.3400, 14.6224, 23.3808 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 31.3400, 14.6224, 23.3808 by changing the saturation by 10% instead.

■ 31.3400, 14.6224,
23.3808

■ 31.3400, 14.6224,
23.3808

■ 248.5430, 3.1833,
5.6628

■ 15.5090, 11.5811,
18.8476

■ 79.0520, 14.7644,
24.5104

■ 2.5250, 7.1362,
-2.2144

■ 103.7640, 14.9063,
25.6400

■ 0.0000, 0.0000,
0.0000


■ 129.5900, 15.4851,
26.6696


■ 156.0030, 15.7745,
27.1844


■ 182.7150, 15.9165,
28.3139


■ 210.5410, 16.4953,


29.3435


 231.5200, 11.5756,
20.5920


 31.3400, 14.6224,
23.3808


 31.3400, 14.6224,
23.3808

 27.8180, 16.3587,
26.4696


 34.8620, 12.8860,
20.2920

 23.9970, 18.2425,
28.9436

 38.6830, 11.0023,
17.8180

 42.2050, 9.2659,
14.7292

 45.7270, 7.5296,
11.6404

 50.1350, 5.3564,
8.6516

■ 53.6570, 3.6201,
5.5628

■ 57.4780, 1.7363,
3.0888

■ 61.0000, 0.0000,
0.0000

■ 64.5220, -1.7363,
-3.0888

Harmonies

Analogous

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



30.7100, 23.3140, -11.1467



31.3400, 14.6224, 23.3808



26.0450, 5.4008, 41.1795

Triad

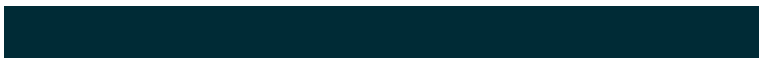
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.3400, 14.6224, 23.3808



31.6520, -15.6044, 11.7062



31.3970, 11.1433, -27.5352

Complementary

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



31.3400, 14.6224, 23.3808



41.6600, -14.6224, -23.3808

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.



28.4330, -0.2135, -24.9357



31.3400, 14.6224, 23.3808



27.9980, -13.8030, -6.1372

Square

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



31.3400, 14.6224, 23.3808



29.9900, -14.7851, 28.9498



24.0670, -11.8650, -21.1068



33.0900, 20.1686, -29.0199

Rectangle

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



31.3400, 14.6224, 23.3808



24.8190, -1.8828, 44.0087



24.0670, -11.8650, -21.1068



30.4850, 7.6489, -26.7353

Sweetspot

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



31.3400, 14.6224, 23.3808



67.5480, 5.6458, 9.1664



19.3470, 20.5349, -6.4433



33.6570, 3.6201, 5.5628



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



31.3400, 14.6224, 23.3808



32.8930, 22.7308, 36.0508



29.8430, 5.0074, 27.3247



28.9400, 1.0156, 0.9296



37.3270, 27.9398, 45.3172



87.5000, 66.3085, 105.6785

Inverse Universe

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



26.9930, -5.9125, 29.8241



26.2940, -9.0189, 46.2232



43.1570, -5.0074, -27.3247



28.8970, -0.4422, 1.8443



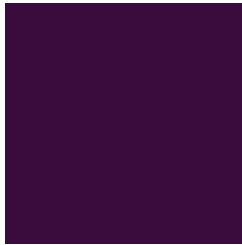
28.7900, -11.2355, 57.1892



67.9740, -26.6092, 135.0808

Previews

White Background



This preview shows how the YUV color 31.3400, 14.6224, 23.3808 looks on a white background.

Color Contrast Check

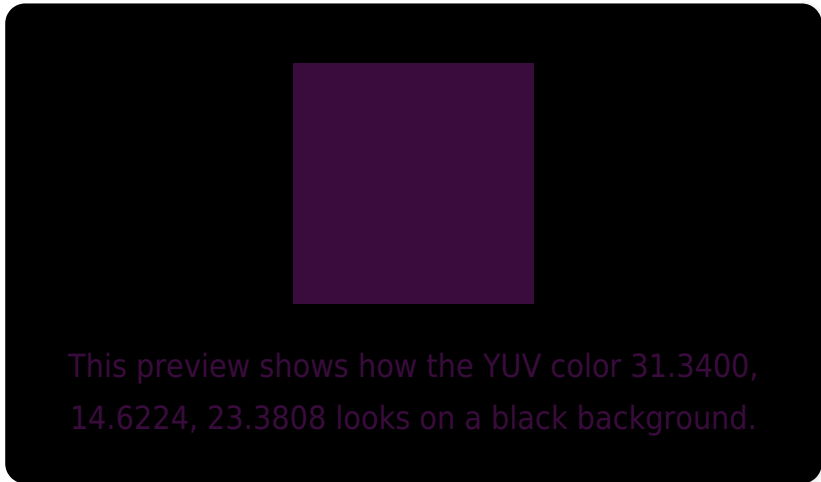
Large Text (above 18pt) WCAG AA ✓ Pass

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

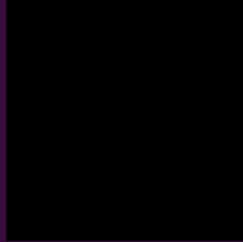
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.3400, 14.6224, 23.3808

Background



This preview shows how black text looks on a background with the YUV color 31.3400, 14.6224, 23.3808.



This preview shows how white text looks on a background with the YUV color 31.3400, 14.6224,

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

31.3400, 14.6224, 23.3808

Deuteranopia

33.1370, 12.2575, -11.5211

Tritanopia

34.6000, -3.2538, 17.0138

Trichromacy



Original Color

31.3400, 14.6224, 23.3808

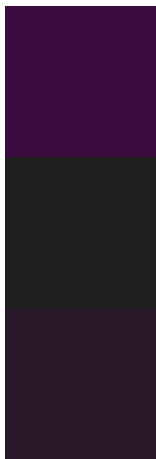
Deuteranomaly

32.7410, 12.9457, 1.1041

Tritanomaly

33.3320, 3.2873, 19.0028

Monochromacy



Original Color

31.3400, 14.6224, 23.3808

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.1350, 5.3564, 8.6516

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.3400, 14.6224, 23.3808 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(58, 12, 61)` looks like.

```
.text, #text, p{  
    color:rgb(58, 12, 61)  
}
```

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(58, 12, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 12, 61) }
```

Border

The CSS property to change the border of an element to YUV 31.3400, 14.6224, 23.3808 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(58, 12, 61) }
```

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

```
.border{ border-color:rgb(58, 12, 61) }
```

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

Here you see how a box with a 4 pixel rgb(58, 12, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 12, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 12, 61);  
box-shadow:4px 4px 4px 4px rgb(58, 12, 61)  
}
```


Background

The CSS property to change the background color of an element to YUV 31.3400, 14.6224, 23.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 12, 61) }
```

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

```
.background{ background-color: rgb(58, 12,  
61) }
```

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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