

Converting Colors

YUV(23.8800, 15.3422,
-20.9428)

Have a look what the booklet for
YUV(23.8800, 15.3422, -20.9428)
contains.

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Color

**YUV(23.8800, 15.3422,
-20.9428)**

Conversions

Conversions Part 1

Format	Color
Hex	001E37
RGB	0, 30, 55
RGB Percent	0%, 12%, 22%
CMY	1.0000, 0.8824, 0.7843
CMYK	1.00, 0.45, 0.00, 0.78
HSL	207°, 100%, 11%
HSV	207°, 100%, 22%
XYZ	1.1539, 1.2044, 3.7861
YIQ	23.8800, -25.9050, 1.4150

Conversions

Conversions Part 2

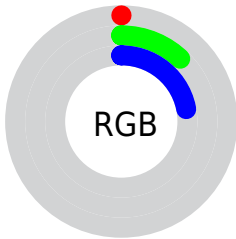
Format	Color
RYB	0, 19, 55
Decimal	7735
CIELab	10.59, 0.30, -19.43
CIELCh	11, 19.437, 270.896
Yxy	1.2044, 0.1878, 0.1960
Android (android.graphics.Color)	4278197815 (0xFF001E37)
YUV	23.8800, 15.3422, -20.9428
Hunter-Lab	10.9744, -0.4376, -12.7724

Details

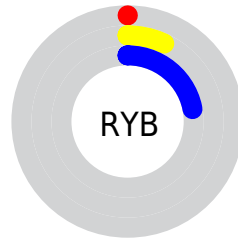
The YUV color **23.8800, 15.3422, -20.9428** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **31.1200, -15.3422, 20.9428**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **69.7280, 15.9101, -16.4245**, and **0.9120, 3.4944, -0.7998** is the 20% darker color. If you saturate the color by 10%, you get **23.8800, 15.3422, -20.9428**, and if you desaturate by 10%, it is **26.5490, 14.0263, -18.8985**.

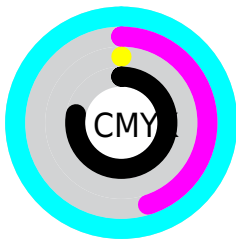
Distribution



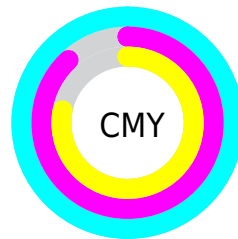
- Red (0%)
- Green (12%)
- Blue (22%)



- Red (0%)
- Yellow (7%)
- Blue (22%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (78%)



- Cyan (100%)
- Magenta (88%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.8800, 15.3422, -20.9428 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 23.8800, 15.3422, -20.9428 by changing the saturation by 10% instead.

■ 23.8800, 15.3422,
-20.9428

■ 23.8800, 15.3422,
-20.9428

■ 249.6180, 2.6533,
-11.0660

■ 6.2240, 13.6936,
-5.4584

■ 69.7280, 15.9101,
-16.4245

■ 0.9120, 3.4944,
-0.7998

■ 94.1410, 16.1995,
-15.9097

■ 0.0000, 0.0000,
0.0000

■ 119.2550, 16.6363,
-16.0096

■ 144.7820, 17.3625,
-15.5948

■ 171.5970, 17.9467,
-16.3096

■ 198.7110, 18.3835,

-16.4095

■ 225.6850, 14.4523,
-15.5097

■ 23.8800, 15.3422,
-20.9428

■ 26.5490, 14.0263,
-18.8985

■ 30.1040, 12.2737,
-16.7542

■ 33.0720, 10.8105,
-14.0951

■ 36.3280, 9.2053,
-12.5657

■ 39.2960, 7.7421,
-9.9066

■ 42.5520, 6.1369,
-8.3771

■ 45.5200, 4.6736,
-5.7180

■ 48.7760, 3.0684,
-4.1886

■ 52.3310, 1.3158,
-2.0443

Harmonies

Analogous

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



25.1850, 12.7268, -22.0872



23.8800, 15.3422, -20.9428



29.1600, 10.7671, -0.1403

Triad

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



23.8800, 15.3422, -20.9428



27.8240, -6.3222, 21.2024



22.7500, -4.3137, -16.4438

Complementary

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



23.8800, 15.3422, -20.9428



31.1200, -15.3422, 20.9428

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.



25.9600, -12.7983, -1.7189



23.8800, 15.3422, -20.9428



27.5540, -13.5841, 17.0541

Square

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



23.8800, 15.3422, -20.9428



28.2460, 0.3717, 20.8323



27.4990, -13.5570, 8.3324



23.8510, 2.5385, -20.9173

Rectangle

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



23.8800, 15.3422, -20.9428



29.7160, 7.5350, 9.8961



27.4990, -13.5570, 8.3324



23.8710, -7.8244, -10.4109

Sweetspot

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



23.8800, 15.3422, -20.9428



59.4380, 5.7001, -8.2771



35.1350, -4.9966, -30.8134



28.5910, 3.6526, -4.9033



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



23.8800, 15.3422, -20.9428



30.9870, 19.7264, -27.1756



8.0310, 23.1557, -7.0432



26.5160, 0.7316, -1.3295



39.8380, 25.7159, -34.9379



95.4060, 60.9318, -83.6711

Inverse Universe

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



19.8650, 4.9966, 30.8134



25.6750, 6.5692, 39.7500



46.9690, -23.1557, 7.0432



26.1250, 0.4314, 1.6444



33.2080, 8.2785, 51.5606



79.1610, 20.1336, 122.6388

Previews

White Background



This preview shows how the YUV color 23.8800, 15.3422, -20.9428 looks on a white background.

Color Contrast Check

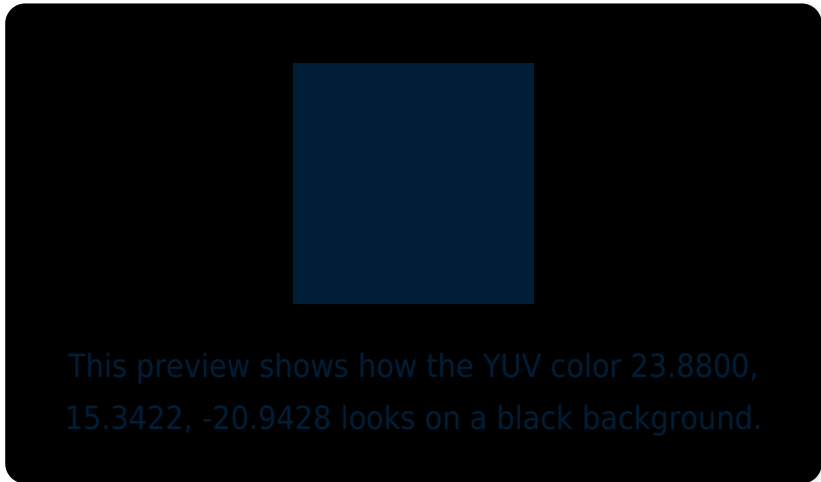
Large Text (above 18pt) WCAG AA ✓ Pass

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

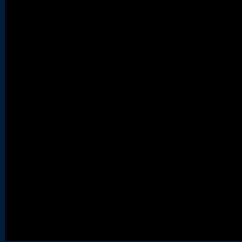
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.8800, 15.3422, -20.9428

Background



This preview shows how black text looks on a background with the YUV color 23.8800, 15.3422, -20.9428.



This preview shows how white text looks on a background with the YUV color 23.8800, 15.3422,

-20.9428.

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



Protanopia

28.2620, 12.6888, -9.8768

Deuteranopia

23.6520, 14.4686, -20.7428

Tritanopia

23.3610, 5.7380, -20.4876

Trichromacy



Protanomaly

26.4680, 13.5733, -13.5654

Deuteranomaly

23.7660, 14.9054, -20.8428

Tritanomaly

23.5720, 9.0850, -20.6726

Monochromacy



Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.7370, 5.5527, -7.6623

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.8800, 15.3422, -20.9428 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(0, 30, 55)` looks like.

```
.text, #text, p{  
    color:rgb(0, 30, 55)  
}
```

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(0, 30, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 30, 55) }
```

Border

The CSS property to change the border of an element to YUV 23.8800, 15.3422, -20.9428 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(0, 30, 55) }
```

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

```
.border{ border-color:rgb(0, 30, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 30, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 30, 55); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 30, 55); box-shadow:4px  
4px 4px 4px rgb(0, 30, 55) }
```


Background

The CSS property to change the background color of an element to YUV 23.8800, 15.3422, -20.9428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 30, 55) }
```

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

```
.background{ background-color: rgb(0, 30,  
55) }
```

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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