

Converting Colors

YUV(23.1320, 30.0079,
-11.5168)

Have a look what the booklet for
YUV(23.1320, 30.0079, -11.5168)
contains.

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Color

**YUV(23.1320, 30.0079,
-11.5168)**

Conversions

Conversions Part 1

Format	Color
Hex	0A1254
RGB	10, 18, 84
RGB Percent	4%, 7%, 33%
CMY	0.9608, 0.9294, 0.6706
CMYK	0.88, 0.79, 0.00, 0.67
HSL	234°, 79%, 18%
HSV	234°, 88%, 33%
XYZ	1.9417, 1.1372, 8.5047
YIQ	23.1320, -25.9540, 18.8300

Conversions

Conversions Part 2

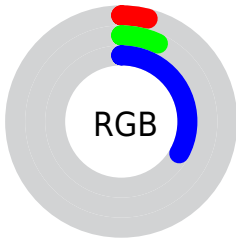
Format	Color
RYB	10, 17, 84
Decimal	660052
CIELab	10.09, 24.24, -40.52
CIELCh	10, 47.217, 300.896
Yxy	1.1372, 0.1676, 0.0982
Android (android.graphics.Color)	4278850132 (0xFF0A1254)
YUV	23.1320, 30.0079, -11.5168
Hunter-Lab	10.6641, 13.8389, -39.8191

Details

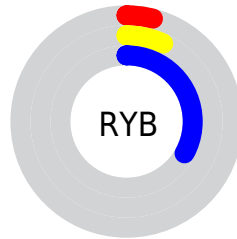
The YUV color **23.1320, 30.0079, -11.5168** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **70.8680, -30.0079, 11.5168**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.2410, 31.4332, -1.9654**, and **5.5060, 16.0195, -4.8288** is the 20% darker color. If you saturate the color by 10%, you get **16.6310, 33.2129, -12.8314**, and if you desaturate by 10%, it is **29.6330, 26.8029, -10.2021**.

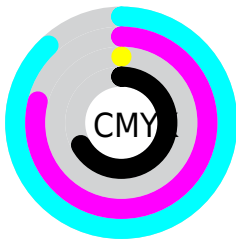
Distribution



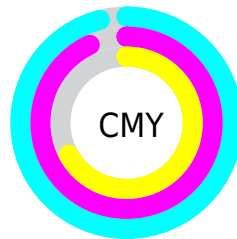
- Red (4%)
- Green (7%)
- Blue (33%)



- Red (4%)
- Yellow (7%)
- Blue (33%)



- Cyan (88%)
- Magenta (79%)
- Yellow (0%)
- Black (67%)



- Cyan (96%)
- Magenta (93%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.1320, 30.0079, -11.5168 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 23.1320, 30.0079, -11.5168 by changing the saturation by 10% instead.

■ 23.1320, 30.0079,
-11.5168

■ 23.1320, 30.0079,
-11.5168

■ 247.9560, 3.4727,
6.1776

■ 6.9540, 26.6447,
-6.0987

■ 71.2410, 31.4332,
-1.9654

■ 5.5060, 16.0195,
-4.8288

■ 96.0670, 32.0120,
-0.9358

■ 2.1830, 5.8258,
-1.9145

■ 121.3060, 32.8801,
0.6086

■ 0.0000, 0.0000,
0.0000

■ 147.2460, 33.8957,
1.5383

■ 174.4740, 34.7693,
1.3383

■ 200.1340, 27.0489,

4.2675

■ 224.3550, 15.1080,
7.5817

■ 23.1320, 30.0079,
-11.5168

■ 23.1320, 30.0079,
-11.5168

■ 16.6310, 33.2129,
-12.8314

■ 29.6330, 26.8029,
-10.2021

■ 14.8590, 34.0865,
-13.0313

■ 37.0200, 23.1611,
-8.7875

■ 43.5210, 19.9561,
-7.4729

■ 50.9080, 16.3144,
-6.0583

■ 57.4090, 13.1094,
-4.7437

■ 64.4970, 9.6150,
-3.9439

■ 71.2970, 6.2626,
-2.0145

■ 78.3850, 2.7682,
-1.2146

■ 85.1850, -0.5842,
0.7148

Harmonies

Analogous

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



30.0870, 31.5091, -26.3863



23.1320, 30.0079, -11.5168



25.8620, 16.3370, 33.4470

Triad

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



23.1320, 30.0079, -11.5168



23.5110, -11.5909, 31.1239



27.2590, 0.3653, -23.9061

Complementary

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



23.1320, 30.0079, -11.5168



70.8680, -30.0079, 11.5168

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.



23.4800, -11.5756, -20.5920



23.1320, 30.0079, -11.5168



26.3140, -12.9728, 7.6176

Square

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



23.1320, 30.0079, -11.5168



22.4250, -11.0555, 46.1083



20.5450, -10.1287, -18.0180



30.9070, 14.3428, -27.1054

Rectangle

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



23.1320, 30.0079, -11.5168



27.1700, 5.8322, 42.8239



20.5450, -10.1287, -18.0180



25.3040, -4.5869, -22.1916

Sweetspot

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



23.1320, 30.0079, -11.5168



86.0670, 11.7990, -4.4438



60.8480, 6.9769, -44.5937



42.1120, 6.8468, -2.7292



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



23.1320, 30.0079, -11.5168



19.5840, 44.5751, -17.1752



26.8080, 28.1957, 9.8154



37.4560, 1.7472, -0.3999



18.4270, 42.6805, -16.1605



41.1230, 94.1024, -36.0649

Inverse Universe

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



33.0380, -7.4137, 44.6937



34.2580, -10.9732, 66.4257



67.1920, -28.1957, -9.8154



38.1960, -0.5896, 2.4591



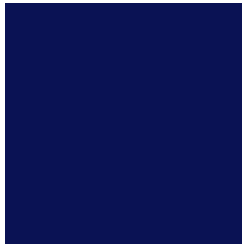
32.6490, -10.6730, 63.4518



72.2180, -23.2785, 140.1288

Previews

White Background



This preview shows how the YUV color 23.1320, 30.0079, -11.5168 looks on a white background.

Color Contrast Check

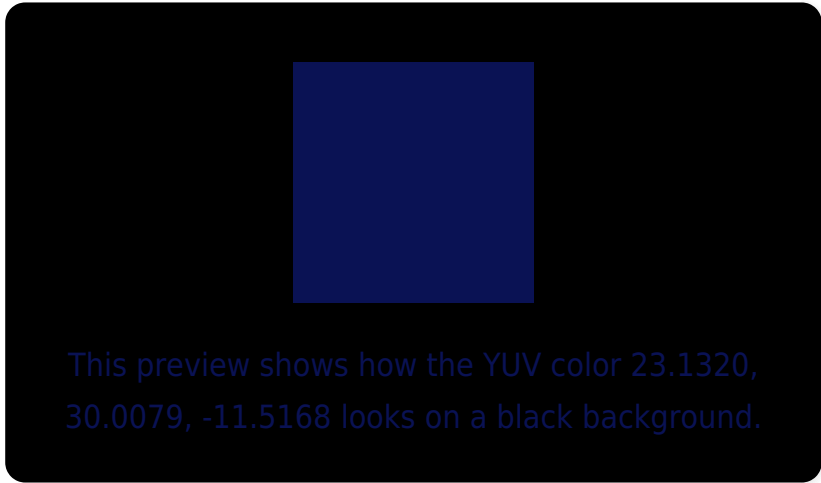
Large Text (above 18pt) WCAG AA ✓ Pass

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

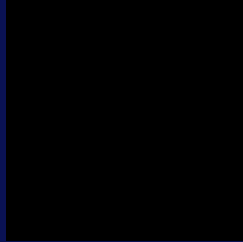
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.1320, 30.0079, -11.5168

Background



This preview shows how black text looks on a background with the YUV color 23.1320, 30.0079, -11.5168.



This preview shows how white text looks on a background with the YUV color 23.1320, 30.0079,

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

23.1320, 30.0079, -11.5168

Protanopia

23.1620, 17.6681, -20.3131

Deuteranopia

23.3100, 13.1582, -20.4429

Trichromacy



Original Color

23.1320, 30.0079, -11.5168

Protanomaly

23.0360, 22.1673, -16.6946

Deuteranomaly

23.5260, 18.9677, -17.1243

Monochromacy



Original Color

23.1320, 30.0079, -11.5168

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

22.8390, 10.9254, -4.2438

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.1320, 30.0079, -11.5168 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(10, 18, 84)` looks like.

```
.text, #text, p{  
    color:rgb(10, 18, 84)  
}
```

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(10, 18, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 18, 84) }
```

Border

The CSS property to change the border of an element to YUV 23.1320, 30.0079, -11.5168 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(10, 18, 84) }
```

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

```
.border{ border-color:rgb(10, 18, 84) }
```

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

Here you see how a box with a 4 pixel rgb(10, 18, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 18, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 18, 84);  
box-shadow:4px 4px 4px 4px rgb(10, 18, 84)  
}
```


Background

The CSS property to change the background color of an element to YUV 23.1320, 30.0079, -11.5168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 18, 84) }
```

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

```
.background{ background-color: rgb(10, 18,  
84) }
```

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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