

Converting Colors

YUV(23.6730, 6.0772, 10.8108)

Have a look what the booklet for
YUV(23.6730, 6.0772, 10.8108)
contains.

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Color

**YUV(23.6730, 6.0772,
10.8108)**

Conversions

Conversions Part 1

Format	Color
Hex	240F24
RGB	36, 15, 36
RGB Percent	14%, 6%, 14%
CMY	0.8588, 0.9412, 0.8588
CMYK	0.00, 0.58, 0.00, 0.86
HSL	300°, 41%, 10%
HSV	300°, 58%, 14%
XYZ	1.2168, 0.8441, 1.7679
YIQ	23.6730, 5.7750, 10.9830

Conversions

Conversions Part 2

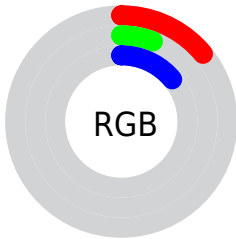
Format	Color
RYB	36, 15, 36
Decimal	2363172
CIELab	7.62, 15.14, -9.91
CIELCh	8, 18.094, 326.784
Yxy	0.8441, 0.3178, 0.2205
Android (android.graphics.Color)	4280553252 (0xFF240F24)
YUV	23.6730, 6.0772, 10.8108
Hunter-Lab	9.1874, 7.5631, -4.9774

Details

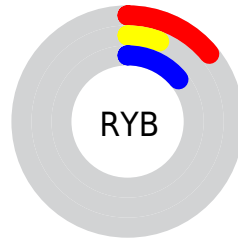
The YUV color **23.6730, 6.0772, 10.8108** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **27.3270, -6.0772, -10.8108**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.9120, 6.9454, 12.3552**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.3250, 7.2348, 12.8700**, and if you desaturate by 10%, it is **26.0210, 4.9196, 8.7516**.

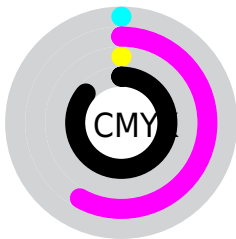
Distribution



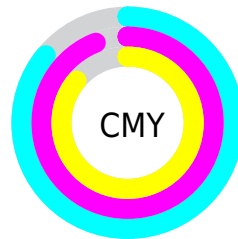
- Red (14%)
- Green (6%)
- Blue (14%)



- Red (14%)
- Yellow (6%)
- Blue (14%)



- Cyan (0%)
- Magenta (58%)
- Yellow (0%)
- Black (86%)



- Cyan (86%)
- Magenta (94%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.6730, 6.0772, 10.8108 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 23.6730, 6.0772, 10.8108 by changing the saturation by 10% instead.

■ 23.6730, 6.0772,
10.8108

■ 23.6730, 6.0772,
10.8108

■ 245.6080, 4.6303,
8.2368

■ 3.3900, 5.2307,
2.2890

■ 66.9120, 6.9454,
12.3552

■ 0.0000, 0.0000,
0.0000

■ 91.2110, 6.7980,
12.9700

■ 115.6240, 7.0874,
13.4848

■ 141.0370, 7.3768,
13.9996

■ 167.4500, 7.6662,
14.5144

■ 194.7490, 7.5187,

15.1291

■ 223.1620, 7.8081,
15.6439

■ 23.6730, 6.0772,
10.8108

■ 23.6730, 6.0772,
10.8108

■ 21.3250, 7.2348,
12.8700

■ 26.0210, 4.9196,
8.7516

■ 19.5640, 8.1029,
14.4144

■ 27.7820, 4.0515,
7.2072

■ 17.2160, 9.2605,
16.4736

■ 30.1300, 2.8939,
5.1480

■ 15.4550, 10.1287,
18.0180

■ 31.8910, 2.0257,
3.6036

■ 14.8680, 10.4181,
18.5328

■ 34.2390, 0.8682,
1.5444

■ 36.5870, -0.2894,
-0.5148

■ 38.3480, -1.1576,
-2.0592

■ 40.6960, -2.3151,
-4.1184

■ 42.4570, -3.1833,
-5.6628

Harmonies

Analogous

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



23.0350, 10.3357, -1.7847



23.6730, 6.0772, 10.8108



22.7510, 1.1088, 17.7584

Triad

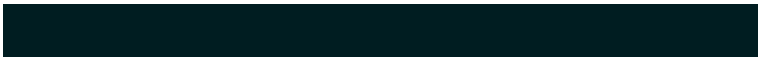
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.6730, 6.0772, 10.8108



22.1830, -10.9362, 7.7325



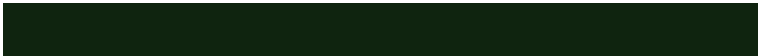
20.7850, 6.0220, -18.2284

Complementary

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



23.6730, 6.0772, 10.8108



27.3270, -6.0772, -10.8108

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.



20.0040, 0.4910, -17.5435



23.6730, 6.0772, 10.8108



20.3560, -10.0355, -1.1892

Square

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



23.6730, 6.0772, 10.8108



21.9390, -10.8159, 15.8395



16.7780, -6.7926, -14.7143



21.3380, 10.6794, -18.7134

Rectangle

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



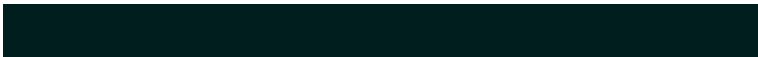
23.6730, 6.0772, 10.8108



22.2090, -3.5540, 19.9877



16.7780, -6.7926, -14.7143



20.9160, 3.9854, -18.3433

Sweetspot

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



23.6730, 6.0772, 10.8108



41.3040, 2.3151, 4.1184



17.3940, 9.1728, -2.0995



20.0650, 1.4470, 2.5740



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



23.6730, 6.0772, 10.8108



27.2160, 9.2605, 16.4736



22.4190, 1.2724, 11.9105



16.8260, 0.5788, 1.0296



33.8660, 23.7301, 42.2135



86.3170, 60.4827, 107.5930

Inverse Universe

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



23.6730, 6.0772, 10.8108



27.2160, 9.2605, 16.4736



28.4670, -1.7092, -11.8106



16.8260, 0.5788, 1.0296



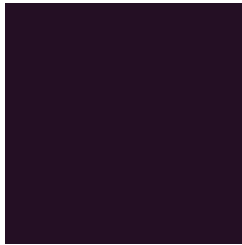
33.8660, 23.7301, 42.2135



86.3170, 60.4827, 107.5930

Previews

White Background



This preview shows how the YUV color 23.6730, 6.0772, 10.8108 looks on a white background.

Color Contrast Check

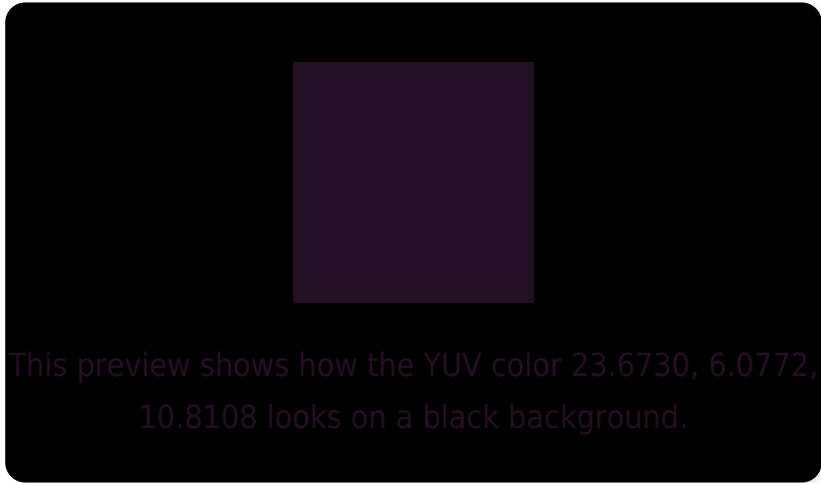
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6730, 6.0772, 10.8108

Background



This preview shows how black text looks on a background with the YUV color 23.6730, 6.0772, 10.8108.



This preview shows how white text looks on a background with the YUV color 23.6730, 6.0772,

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

23.6730, 6.0772, 10.8108

Protanopia

22.5890, 10.0626, -7.5326

Deuteranopia

23.1720, 5.8312, -3.6588



Tritanopia

23.7130, -1.3375, 9.0217

Trichromacy



Original Color

23.6730, 6.0772, 10.8108

Protanomaly

22.8780, 8.4411, -0.7700

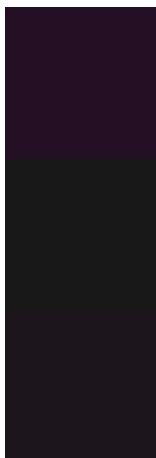
Deuteranomaly

23.2050, 5.8149, 1.5742

Tritanomaly

23.9950, 0.9885, 9.6514

Monochromacy



Original Color

23.6730, 6.0772, 10.8108

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.8910, 2.0257, 3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.6730, 6.0772, 10.8108 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(36, 15, 36)` looks like.

```
.text, #text, p{  
    color:rgb(36, 15, 36)  
}
```

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(36, 15, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 15, 36) }
```

Border

The CSS property to change the border of an element to YUV 23.6730, 6.0772, 10.8108 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(36, 15, 36) }
```


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

```
.border{ border-color:rgb(36, 15, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 15, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 15, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 15, 36);  
box-shadow:4px 4px 4px 4px rgb(36, 15, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 23.6730, 6.0772, 10.8108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 15, 36) }
```

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

```
.background{ background-color: rgb(36, 15,  
36) }
```

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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