

Converting Colors

YUV(12.4680, 0.2623, 9.2366)

Have a look what the booklet for
YUV(12.4680, 0.2623, 9.2366)
contains.

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Color

**YUV(12.4680, 0.2623,
9.2366)**

Conversions

Conversions Part 1

Format	Color
Hex	17070D
RGB	23, 7, 13
RGB Percent	9%, 3%, 5%
CMY	0.9098, 0.9725, 0.9490
CMYK	0.00, 0.70, 0.43, 0.91
HSL	338°, 53%, 6%
HSV	338°, 70%, 9%
XYZ	0.5020, 0.3632, 0.4244
YIQ	12.4680, 7.6100, 5.2580

Conversions

Conversions Part 2

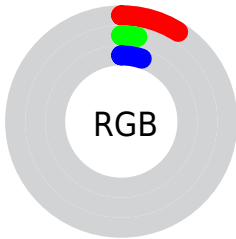
Format	Color
R_{YB}	23, 7, 13
Decimal	1509133
CIE Lab	3.28, 6.42, -0.41
CIE LCh	3, 6.436, 356.308
Yxy	0.3632, 0.3893, 0.2816
Android (android.graphics.Color)	4279699213 (0xFF17070D)
YUV	12.4680, 0.2623, 9.2366
Hunter-Lab	6.0264, 4.3221, 0.0429

Details

The YUV color **12.4680, 0.2623, 9.2366** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **17.5320, -0.2623, -9.2366**, and the grayscale version is **12.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **56.3430, -0.1691, 7.5922**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **11.1800, 0.4043, 10.3661**, and if you desaturate by 10%, it is **13.7560, 0.1203, 8.1070**.

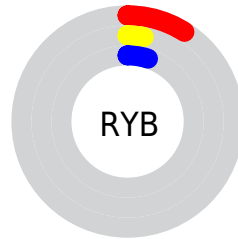
Distribution



Red (9%)

Green (3%)

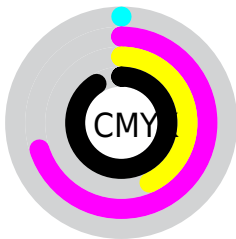
Blue (5%)



Red (9%)

Yellow (3%)

Blue (5%)

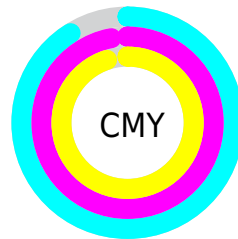


Cyan (0%)

Magenta (70%)

Yellow (43%)

Black (91%)



Cyan (91%)

Magenta (97%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 12.4680, 0.2623, 9.2366 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 12.4680, 0.2623, 9.2366 by changing the saturation by 10% instead.

■ 12.4680, 0.2623,
9.2366

■ 12.4680, 0.2623,
9.2366

■ 237.3540, -0.1745,
9.3365

■ 0.0000, 0.0000,
0.0000

■ 56.3430, -0.1691,
7.5922

■ 79.3430, -0.1691,
7.5922

■ 103.6420, -0.3165,
8.2070


■ 128.6420, -0.3165,
8.2070


■ 154.3540, -0.1745,
9.3365


■ 181.3540, -0.1745,


9.3365


 209.2400, -0.6113,
9.4365

 12.4680, 0.2623,
9.2366


 12.4680, 0.2623,
9.2366


 11.1800, 0.4043,
10.3661


 13.7560, 0.1203,
8.1070


 9.1910, 0.3988,
12.1105

 15.7450, 0.1257,
6.3626

 7.9030, 0.5408,
13.2401

 17.0330, -0.0163,
5.2331

 18.4350, 0.2785,
4.0035

 20.3100, -0.1528,
2.3591

■ 21.7120, 0.1420,
1.1296

■ 23.0000, 0.0000,
0.0000

■ 24.4020, 0.2948,
-1.2296

■ 26.2770, -0.1366,
-2.8739

Harmonies

Analogous

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



12.5430, 3.1833, 5.6628



12.4680, 0.2623, 9.2366



11.8550, -3.3795, 10.6512

Triad

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



12.4680, 0.2623, 9.2366



10.9200, -5.3836, 0.0702



11.1990, 4.8319, -9.8215

Complementary

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



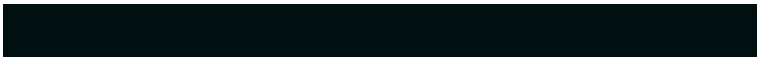
12.4680, 0.2623, 9.2366



17.5320, -0.2623, -9.2366

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.



11.3300, 2.7953, -9.9364



12.4680, 0.2623, 9.2366



9.7450, -3.3253, -6.7924

Square

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



12.4680, 0.2623, 9.2366



11.8390, -5.8366, 5.4032



10.6460, 0.1745, -9.3365



11.4490, 5.6946, -6.5328

Rectangle

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



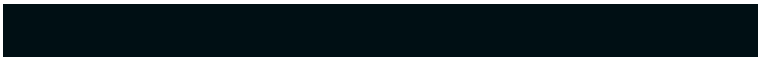
12.4680, 0.2623, 9.2366



11.6870, -5.2687, 9.9215



10.6460, 0.1745, -9.3365



11.0850, 4.3951, -9.7215

Sweetspot

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



12.4680, 0.2623, 9.2366



26.4350, 0.2785, 4.0035



11.8140, 5.5147, 4.5481



12.4240, 0.2840, 2.2592



143.0000, 0.0000, 0.0000



15.0000, 0.0000, 0.0000

Same Dimension

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



12.4680, 0.2623, 9.2366



13.9140, 0.5354, 14.9844



12.9580, -2.9373, 8.8068



11.7120, 0.1420, 1.1296



26.3290, 1.3168, 44.4385



69.7740, 3.5624, 117.7162

Inverse Universe

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



12.4680, 0.2623, 9.2366



13.9140, 0.5354, 14.9844



17.0420, 2.9373, -8.8068



11.7120, 0.1420, 1.1296



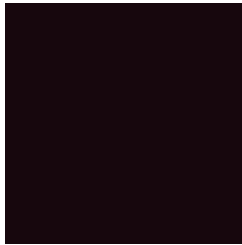
26.3290, 1.3168, 44.4385



69.7740, 3.5624, 117.7162

Previews

White Background



This preview shows how the YUV color 12.4680, 0.2623, 9.2366 looks on a white background.

Color Contrast Check

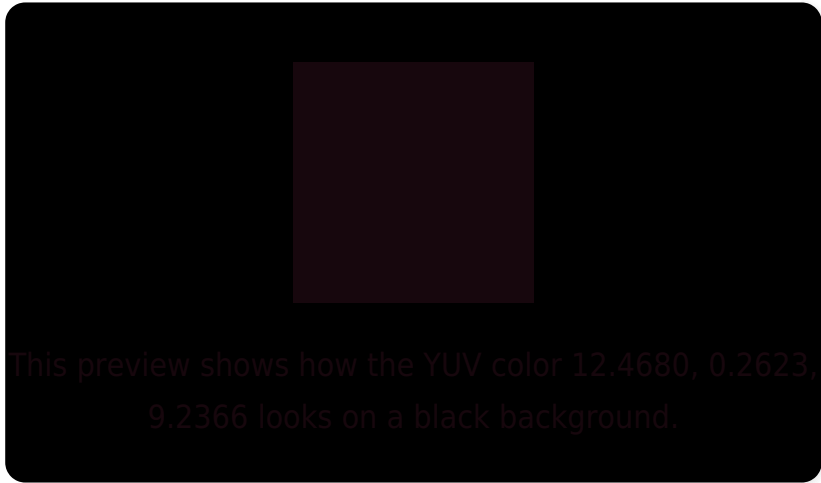
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.4680, 0.2623, 9.2366

Background



This preview shows how black text looks on a background with the YUV color 12.4680, 0.2623, 9.2366.



This preview shows how white text looks on a background with the YUV color 12.4680, 0.2623,

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

12.4680, 0.2623, 9.2366

Protanopia

13.1570, 1.8946, -1.0147

Deuteranopia

13.4840, -0.7316, 1.3295



Tritanopia

12.5990, -1.7743, 9.1217

Trichromacy



Original Color

12.4680, 0.2623, 9.2366

Protanomaly

13.0650, 1.4470, 2.5740

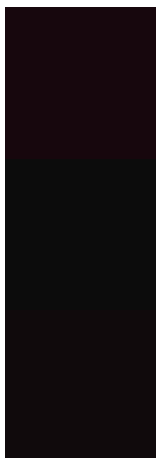
Deuteranomaly

13.2070, -0.5951, 4.2035

Tritanomaly

12.7130, -1.3375, 9.0217

Monochromacy



Original Color

12.4680, 0.2623, 9.2366

Achromatopsia

12.0000, 0.0000, 0.0000

Achromatomaly

12.0220, -0.0108, 3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 12.4680, 0.2623, 9.2366 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(23, 7, 13)` looks like.

```
.text, #text, p{  
    color:rgb(23, 7, 13)  
}
```

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(23, 7, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 7, 13) }
```

Border

The CSS property to change the border of an element to YUV 12.4680, 0.2623, 9.2366 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(23, 7, 13) }
```


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

```
.border{ border-color:rgb(23, 7, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 7, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 7, 13); -webkit-box-shadow:4px  
4px 4px 4px rgb(23, 7, 13); box-shadow:4px  
4px 4px 4px rgb(23, 7, 13) }
```

Background

The CSS property to change the background color of an element to YUV 12.4680, 0.2623, 9.2366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 7, 13) }
```

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

```
.background{ background-color: rgb(23, 7,  
13) }
```

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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