

Converting Colors

YUV(12.4170, 7.6824, 9.2813)

Have a look what the booklet for
YUV(12.4170, 7.6824, 9.2813)
contains.

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Color

**YUV(12.4170, 7.6824,
9.2813)**

Conversions

Conversions Part 1

Format	Color
Hex	17041C
RGB	23, 4, 28
RGB Percent	9%, 2%, 11%
CMY	0.9098, 0.9843, 0.8902
CMYK	0.18, 0.86, 0.00, 0.89
HSL	288°, 75%, 6%
HSV	288°, 86%, 11%
XYZ	0.6064, 0.3528, 1.1348
YIQ	12.4170, 3.6200, 11.4920

Conversions

Conversions Part 2

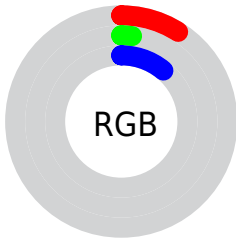
Format	Color
RYB	23, 4, 28
Decimal	1508380
CIELab	3.19, 11.10, -10.60
CIElCh	3, 15.353, 316.311
Yxy	0.3528, 0.2896, 0.1685
Android (android.graphics.Color)	4279698460 (0xFF17041C)
YUV	12.4170, 7.6824, 9.2813
Hunter-Lab	5.9400, 7.8268, -7.1686

Details

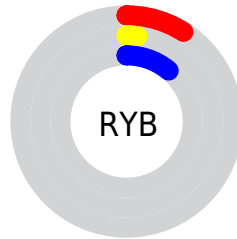
The YUV color **12.4170, 7.6824, 9.2813** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **19.5830, -7.6824, -9.2813**, and the grayscale version is **12.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **56.5800, 7.1091, 6.5073**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **10.3570, 8.6980, 10.2109**, and if you desaturate by 10%, it is **14.4770, 6.6668, 8.3517**.

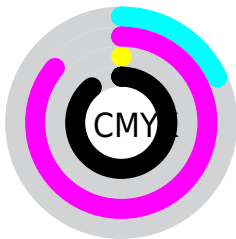
Distribution



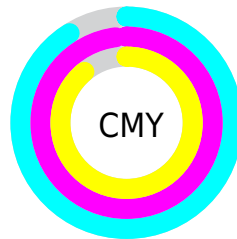
- Red (9%)
- Green (2%)
- Blue (11%)



- Red (9%)
- Yellow (2%)
- Blue (11%)



- Cyan (18%)
- Magenta (86%)
- Yellow (0%)
- Black (89%)



- Cyan (91%)
- Magenta (98%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 12.4170, 7.6824, 9.2813 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 12.4170, 7.6824, 9.2813 by changing the saturation by 10% instead.

■ 12.4170, 7.6824,
9.2813

■ 12.4170, 7.6824,
9.2813

■ 237.6450, 8.5560,
9.0813

■ 0.0000, 0.0000,
0.0000

■ 56.5800, 7.1091,
6.5073

■ 79.9930, 7.3985,
7.0221

■ 103.8190, 7.9772,
8.0517

■ 128.8190, 7.9772,
8.0517

■ 154.9330, 8.4140,
7.9518

■ 182.2320, 8.2666,

8.5665

■ 209.3460, 8.7034,
8.4666

■ 12.4170, 7.6824,
9.2813

■ 12.4170, 7.6824,
9.2813

■ 10.3570, 8.6980,
10.2109

■ 14.4770, 6.6668,
8.3517

■ 9.7700, 8.9874,
10.7257

■ 16.2380, 5.7987,
6.8073

■ 17.7110, 5.0725,
6.3925

■ 19.4720, 4.2043,
4.8481

■ 21.5320, 3.1887,
3.9184

■ 23.5920, 2.1731,
2.9888

■ 25.3530, 1.3050,
1.4444

■ 26.8260, 0.5788,
1.0296

■ 28.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



11.1270, 10.7834, -5.3734



12.4170, 7.6824, 9.2813



11.4350, 3.7295, 17.1585

Triad

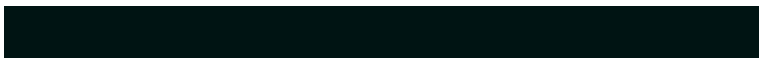
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.4170, 7.6824, 9.2813



11.5730, -5.7055, 10.0215



13.9060, 2.5113, -12.1956

Complementary

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



12.4170, 7.6824, 9.2813



19.5830, -7.6824, -9.2813

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.



11.3810, -4.6248, -9.9811



12.4170, 7.6824, 9.2813



10.3110, -5.0833, -2.9037

Square

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



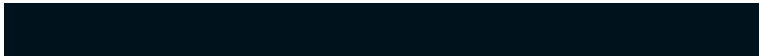
12.4170, 7.6824, 9.2813



11.0300, -5.4378, 17.5137



10.5660, -5.2090, -9.2664



14.3450, 6.7319, -12.5806

Rectangle

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



12.4170, 7.6824, 9.2813



11.0780, -1.5175, 20.1026



10.5660, -5.2090, -9.2664



13.4500, 0.7642, -11.7957

Sweetspot

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



12.4170, 7.6824, 9.2813



29.5320, 3.1887, 3.9184



9.6710, 9.0362, -4.9735



14.1790, 1.8838, 2.4740



145.0000, 0.0000, 0.0000



18.0000, 0.0000, 0.0000

Same Dimension

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



12.4170, 7.6824, 9.2813



12.4760, 11.5973, 13.6145



13.1140, 3.8878, 13.0550



11.5270, 0.7262, 0.4148



27.0170, 24.6416, 29.8031



71.6940, 65.2269, 79.1984

Inverse Universe

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



11.7460, -1.3538, 14.2548



11.5620, -2.2491, 21.4321



18.8860, -3.8878, -13.0550



11.7120, 0.1420, 1.1296



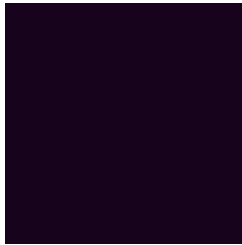
24.8470, -4.3616, 45.7382



65.7840, -11.7255, 121.2154

Previews

White Background



This preview shows how the YUV color 12.4170, 7.6824, 9.2813 looks on a white background.

Color Contrast Check

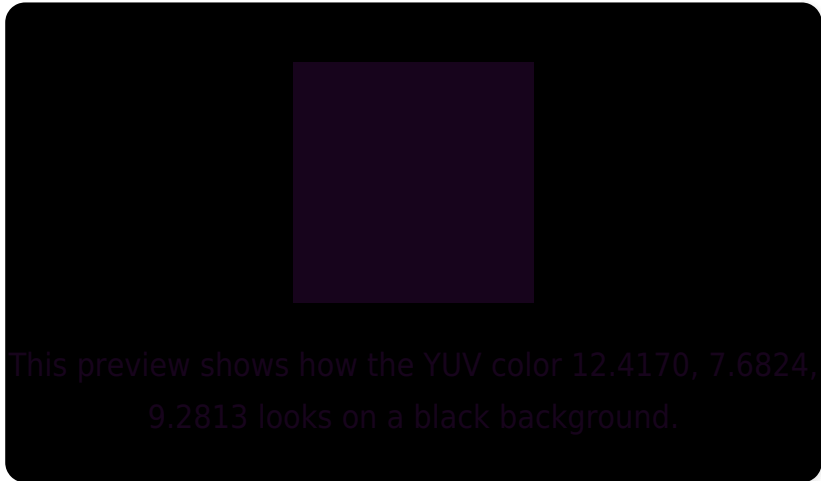
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.4170, 7.6824, 9.2813

Background



This preview shows how black text looks on a background with the YUV color 12.4170, 7.6824, 9.2813.



This preview shows how white text looks on a background with the YUV color 12.4170, 7.6824,

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

12.4170, 7.6824, 9.2813

Protanopia

11.5240, 8.6157, -10.1065

Deuteranopia

11.7690, 7.0159, -10.3214



Tritanopia

14.1040, -1.0373, 6.0478

Trichromacy



Original Color

12.4170, 7.6824, 9.2813

Protanomaly

11.5680, 8.5940, -3.1291

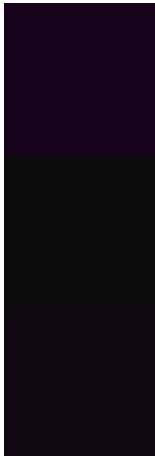
Deuteranomaly

11.9270, 7.4310, -3.4440

Tritanomaly

13.3260, 2.3043, 7.6071

Monochromacy



Original Color

12.4170, 7.6824, 9.2813

Achromatopsia

12.0000, 0.0000, 0.0000

Achromatomaly

12.1190, 2.8993, 3.4036

CSS Examples

Text

The CSS property to change the color of the text to YUV 12.4170, 7.6824, 9.2813 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, 4, 28)` looks like.

```
.text, #text, p{  
    color:rgb(23, 4, 28)  
}
```

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, 4, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 4, 28) }
```

Border

The CSS property to change the border of an element to YUV 12.4170, 7.6824, 9.2813 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, 4, 28) }
```


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

```
.border{ border-color:rgb(23, 4, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 4, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 4, 28); -webkit-box-shadow:4px  
4px 4px 4px rgb(23, 4, 28); box-shadow:4px  
4px 4px 4px rgb(23, 4, 28) }
```

Background

The CSS property to change the background color of an element to YUV 12.4170, 7.6824, 9.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 4, 28) }
```

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

```
.background{ background-color: rgb(23, 4,  
28) }
```

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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