

Converting Colors

YUV(10.1420, 1.4090, 14.7845)

Have a look what the booklet for
YUV(10.1420, 1.4090, 14.7845)
contains.

YUV(10.1420, 1.4090, 14.7845)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(10.1420, 1.4090,
14.7845)**

Conversions

Conversions Part 1

Format	Color
Hex	1B010D
RGB	27, 1, 13
RGB Percent	11%, 0%, 5%
CMY	0.8941, 0.9961, 0.9490
CMYK	0.00, 0.96, 0.52, 0.89
HSL	332°, 93%, 5%
HSV	332°, 96%, 11%
XYZ	0.5355, 0.2838, 0.4073
YIQ	10.1420, 11.6440, 9.2440

Conversions

Conversions Part 2

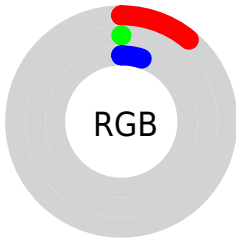
Format	Color
RYB	27, 1, 13
Decimal	1769741
CIELab	2.56, 10.89, -1.41
CIElCh	3, 10.978, 352.639
Yxy	0.2838, 0.4366, 0.2314
Android (android.graphics.Color)	4279959821 (0xFF1B010D)
YUV	10.1420, 1.4090, 14.7845
Hunter-Lab	5.3271, 8.6210, -0.8045

Details

The YUV color **10.1420, 1.4090, 14.7845** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **17.8580, -1.4090, -14.7845**, and the grayscale version is **10.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **55.1910, 0.3988, 12.1105**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **9.4410, 1.2616, 15.3992**, and if you desaturate by 10%, it is **12.0170, 0.9776, 13.1401**.

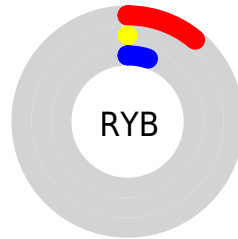
Distribution



Red (11%)

Green (0%)

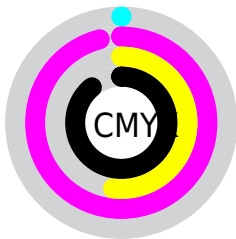
Blue (5%)



Red (11%)

Yellow (0%)

Blue (5%)

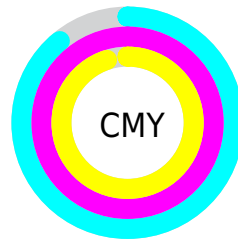


Cyan (0%)

Magenta (96%)

Yellow (52%)

Black (89%)



Cyan (89%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 10.1420, 1.4090, 14.7845 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 10.1420, 1.4090, 14.7845 by changing the saturation by 10% instead.

■ 10.1420, 1.4090,
14.7845

■ 10.1420, 1.4090,
14.7845

■ 236.2130, 0.3880,
15.5992

■ 0.0000, 0.0000,
0.0000

■ 55.1910, 0.3988,
12.1105

■ 78.4900, 0.2514,
12.7253

■ 101.9030, 0.5408,
13.2401

■ 127.2020, 0.3934,
13.8548


■ 153.5010, 0.2460,
14.4696


■ 179.9140, 0.5354,


14.9844

 207.8000, 0.0986,
15.0844

 10.1420, 1.4090,
14.7845


 10.1420, 1.4090,
14.7845


 9.4410, 1.2616,
15.3992

 12.0170, 0.9776,
13.1401

 13.4190, 1.2724,
11.9105

 15.2940, 0.8411,
10.2662

 17.2830, 0.8465,
8.5218

 19.1580, 0.4151,
6.8774

■ 20.5600, 0.7099,
5.6479

■ 22.4350, 0.2785,
4.0035

■ 24.4240, 0.2840,
2.2592

■ 25.7120, 0.1420,
1.1296

Harmonies

Analogous

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



10.5480, 5.6458, 9.1664



10.1420, 1.4090, 14.7845



9.2580, -4.5642, 17.3137

Triad

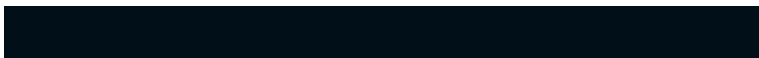
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10.1420, 1.4090, 14.7845



7.9410, -3.9149, -4.3333



11.5410, 6.1423, -10.1215

Complementary

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



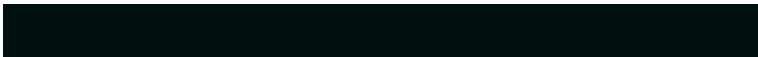
10.1420, 1.4090, 14.7845



17.8580, -1.4090, -14.7845

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



10.1420, 1.4090, 14.7845



8.8050, -4.3409, -7.7220

Square

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



10.1420, 1.4090, 14.7845



9.7790, -4.8210, 6.3328



9.9620, -2.4463, -8.7367



9.5350, 8.6102, -8.3622

Rectangle

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



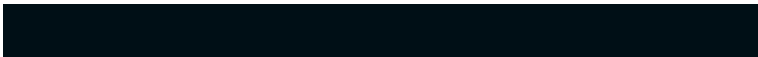
10.1420, 1.4090, 14.7845



9.8340, -4.8482, 15.0546



9.9620, -2.4463, -8.7367



11.3130, 5.2687, -9.9215

Sweetspot

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



10.1420, 1.4090, 14.7845



28.8590, 0.5625, 6.2627



8.1500, 9.2931, 6.0075



14.0220, -0.0108, 3.4887



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.



10.1420, 1.4090, 14.7845



12.5880, 1.6821, 20.5323



9.3610, -4.1220, 15.4694



11.7120, 0.1420, 1.1296



27.0130, 3.9376, 43.8386



71.7120, 10.9880, 116.0166

Inverse Universe

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



10.1420, 1.4090, 14.7845



12.5880, 1.6821, 20.5323



18.6390, 4.1220, -15.4694



11.7120, 0.1420, 1.1296



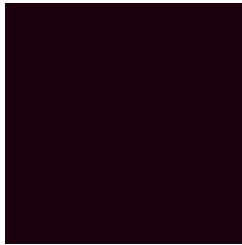
27.0130, 3.9376, 43.8386



71.7120, 10.9880, 116.0166

Previews

White Background



This preview shows how the YUV color 10.1420, 1.4090, 14.7845 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

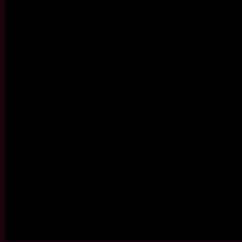
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 10.1420, 1.4090, 14.7845

Background



This preview shows how black text looks on a background with the YUV color 10.1420, 1.4090, 14.7845.



This preview shows how white text looks on a background with the YUV color 10.1420, 1.4090,

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

10.1420, 1.4090, 14.7845

Protanopia

14.2710, 2.3314, -1.1147

Deuteranopia

13.7830, -0.8790, 1.9443



Tritanopia

11.5780, -3.2430, 13.5251

Trichromacy



Original Color

10.1420, 1.4090, 14.7845

Protanomaly

12.6030, 2.1677, 4.7332

Deuteranomaly

12.6310, -0.3111, 6.4626

Tritanomaly

11.3330, -1.6432, 13.7400

Monochromacy



Original Color

10.1420, 1.4090, 14.7845

Achromatopsia

10.0000, 0.0000, 0.0000

Achromatomaly

10.1470, 0.4205, 5.1331

CSS Examples

Text

The CSS property to change the color of the text to YUV 10.1420, 1.4090, 14.7845 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(27, 1, 13)` looks like.

```
.text, #text, p{  
    color:rgb(27, 1, 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(27, 1, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 1, 13) }
```

Border

The CSS property to change the border of an element to YUV 10.1420, 1.4090, 14.7845 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(27, 1, 13) }
```


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

```
.border{ border-color:rgb(27, 1, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 1, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 1, 13); -webkit-box-shadow:4px  
4px 4px 4px rgb(27, 1, 13); box-shadow:4px  
4px 4px 4px rgb(27, 1, 13) }
```

Background

The CSS property to change the background color of an element to YUV 10.1420, 1.4090, 14.7845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 1, 13) }
```

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

```
.background{ background-color: rgb(27, 1,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor