

Converting Colors

YUV(14.6400, -7.2175, 28.3797)

Have a look what the booklet for
YUV(14.6400, -7.2175, 28.3797)
contains.

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Color

**YUV(14.6400, -7.2175,
28.3797)**

Conversions

Conversions Part 1

Format	Color
Hex	2F0100
RGB	47, 1, 0
RGB Percent	18%, 0%, 0%
CMY	0.8157, 0.9961, 1.0000
CMYK	0.00, 0.98, 1.00, 0.82
HSL	1°, 100%, 9%
HSV	1°, 100%, 18%
XYZ	1.1831, 0.6260, 0.0585
YIQ	14.6400, 27.7370, 9.4410

Conversions

Conversions Part 2

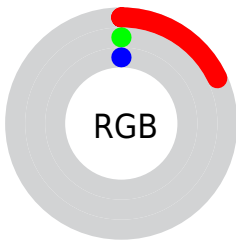
Format	Color
RYB	47, 1, 0
Decimal	3080448
CIELab	5.66, 22.54, 8.91
CIElCh	6, 24.237, 21.578
Yxy	0.6260, 0.6335, 0.3352
Android (android.graphics.Color)	4281270528 (0xFF2F0100)
YUV	14.6400, -7.2175, 28.3797
Hunter-Lab	7.9123, 12.8450, 5.1004

Details

The YUV color **14.6400, -7.2175, 28.3797** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **32.3600, 7.2175, -28.3797**, and the grayscale version is **15.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **60.8790, -6.3493, 29.9241**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **14.6400, -7.2175, 28.3797**, and if you desaturate by 10%, it is **18.1450, -6.4805, 25.3058**.

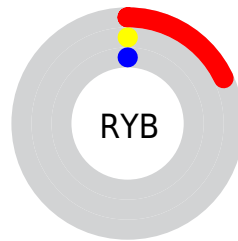
Distribution



Red (18%)

Green (0%)

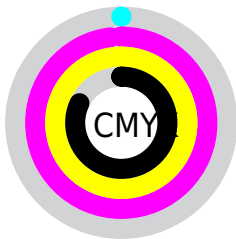
Blue (0%)



Red (18%)

Yellow (0%)

Blue (0%)

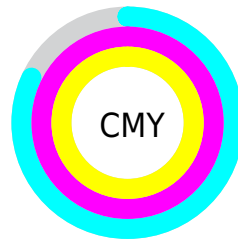


Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (82%)



Cyan (82%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 14.6400, -7.2175, 28.3797 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 14.6400, -7.2175, 28.3797 by changing the saturation by 10% instead.

■ 14.6400, -7.2175,
28.3797

■ 14.6400, -7.2175,
28.3797

■ 235.2580, -4.5642,
17.3137

■ 2.9900, -1.4741,
6.1478

■ 60.8790, -6.3493,
29.9241

■ 0.0000, 0.0000,
0.0000

■ 84.7760, -6.7916,
31.7684

■ 109.5590, -7.6706,
33.7128


■ 135.4560, -8.1128,
35.5571


■ 161.9400, -8.8444,
36.8866


■ 189.5380, -9.1392,


38.1162


 215.6300, -8.6916,
34.5275


 14.6400, -7.2175,
28.3797

 18.1450, -6.4805,
25.3058

 20.9490, -5.8909,
22.8467

 24.4540, -5.1538,
19.7728

 27.3720, -4.1274,
17.2138

 30.8770, -3.3904,
14.1399

■ 34.2680, -3.0901,
11.1660

■ 37.1860, -2.0637,
8.6069

■ 40.6910, -1.3267,
5.5330

■ 43.4950, -0.7370,
3.0739

Harmonies

Analogous

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



16.4790, 3.7079, 24.1359



14.6400, -7.2175, 28.3797



16.9550, -8.3588, 21.0875

Triad

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



14.6400, -7.2175, 28.3797



15.2620, -7.5242, -13.3848



18.6140, 15.4733, -16.3245

Complementary

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



14.6400, -7.2175, 28.3797



32.3600, 7.2175, -28.3797

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.



20.1640, 11.2581, -17.6838



14.6400, -7.2175, 28.3797



17.6900, -3.2982, -15.5141

Square

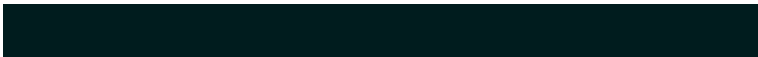
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.6400, -7.2175, 28.3797



15.6050, -7.6933, -5.7926



19.8560, 5.0010, -17.4137



16.9570, 15.3042, -8.7323

Rectangle

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



14.6400, -7.2175, 28.3797



17.7970, -8.7739, 14.2100



19.8560, 5.0010, -17.4137



19.6740, 14.4577, -17.2541

Sweetspot

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



14.6400, -7.2175, 28.3797



48.3820, -2.6533, 11.0660



19.2970, 13.1646, 24.2955



23.2890, -1.6215, 6.7625



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



14.6400, -7.2175, 28.3797



18.8260, -9.2812, 36.9866



28.1410, -13.8735, 16.5393



21.5980, -0.2948, 1.2296



27.1870, -13.4032, 52.4560



66.9210, -32.9921, 128.9883

Inverse Universe

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



32.3600, 7.2175, -28.3797



42.1740, 9.2812, -36.9866



18.8590, 13.8735, -16.5393



22.4020, 0.2948, -1.2296



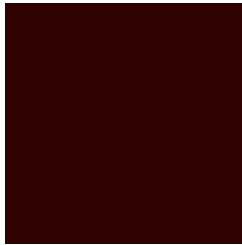
59.8130, 13.4032, -52.4560



147.6660, 32.7027, -129.5031

Previews

White Background



This preview shows how the YUV color 14.6400, -7.2175, 28.3797 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

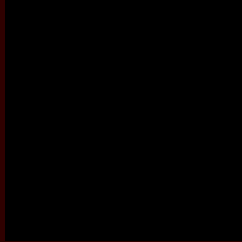
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 14.6400, -7.2175, 28.3797

Background



This preview shows how black text looks on a background with the YUV color 14.6400, -7.2175, 28.3797.

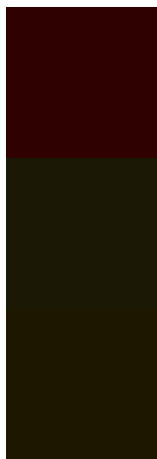


This preview shows how white text looks on a background with the YUV color 14.6400, -7.2175,

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

14.6400, -7.2175, 28.3797

Protanopia

22.8450, -8.3046, 3.6439

Deuteranopia

22.4710, -11.0782, 6.6029



Tritanopia

16.4010, -8.0857, 26.8353

Trichromacy



Original Color

14.6400, -7.2175, 28.3797

Protanomaly

20.0140, -7.8949, 12.2657

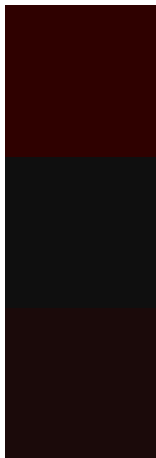
Deuteranomaly

19.5690, -9.6475, 14.4100

Tritanomaly

15.8140, -7.7963, 27.3501

Monochromacy



Original Color

14.6400, -7.2175, 28.3797

Achromatopsia

15.0000, 0.0000, 0.0000

Achromatomaly

15.0830, -2.5059, 10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 14.6400, -7.2175, 28.3797 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(47, 1, 0)` looks like.

```
.text, #text, p{  
    color:rgb(47, 1, 0)  
}
```

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(47, 1, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 1, 0) }
```

Border

The CSS property to change the border of an element to YUV 14.6400, -7.2175, 28.3797 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(47, 1, 0) }
```


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

```
.border{ border-color:rgb(47, 1, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 1, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 1, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(47, 1, 0); box-shadow:4px  
4px 4px 4px rgb(47, 1, 0) }
```

Background

The CSS property to change the background color of an element to YUV 14.6400, -7.2175, 28.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 1, 0) }
```

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

```
.background{ background-color: rgb(47, 1,  
0) }
```

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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