

Converting Colors

YUV(41.4000, 40.2288,
-23.1528)

Have a look what the booklet for
YUV(41.4000, 40.2288, -23.1528)
contains.

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Color

**YUV(41.4000, 40.2288,
-23.1528)**

Conversions

Conversions Part 1

Format	Color
Hex	0F277B
RGB	15, 39, 123
RGB Percent	6%, 15%, 48%
CMY	0.9412, 0.8471, 0.5176
CMYK	0.88, 0.68, 0.00, 0.52
HSL	227°, 78%, 27%
HSV	227°, 88%, 48%
XYZ	4.4977, 2.9827, 19.0775
YIQ	41.4000, -41.2680, 21.0360

Conversions

Conversions Part 2

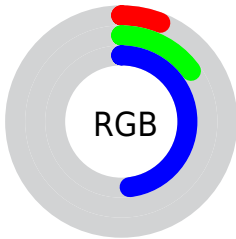
Format	Color
R_{YB}	15, 35, 123
Decimal	993147
CIE _{Lab}	19.97, 25.79, -49.89
CIE _{LCh}	20, 56.161, 297.335
Yxy	2.9827, 0.1694, 0.1123
Android (android.graphics.Color)	4279183227 (0xFF0F277B)
YUV	41.4000, 40.2288, -23.1528
Hunter-Lab	17.2704, 16.2631, -53.4049

Details

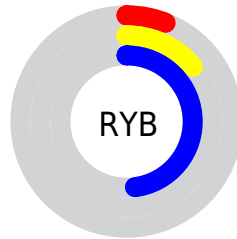
The YUV color **41.4000, 40.2288, -23.1528** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **96.6000, -40.2288, 23.1528**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.8900, 40.4802, -10.4275**, and **8.3220, 31.8863, -7.2984** is the 20% darker color. If you saturate the color by 10%, you get **31.9420, 44.8916, -25.3821**, and if you desaturate by 10%, it is **50.8580, 35.5660, -20.9235**.

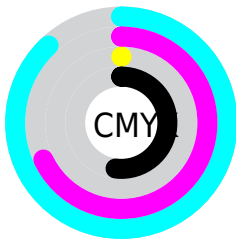
Distribution



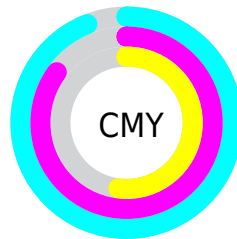
- Red (6%)
- Green (15%)
- Blue (48%)



- Red (6%)
- Yellow (14%)
- Blue (48%)



- Cyan (88%)
- Magenta (68%)
- Yellow (0%)
- Black (52%)



- Cyan (94%)
- Magenta (85%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.4000, 40.2288, -23.1528 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 41.4000, 40.2288, -23.1528 by changing the saturation by 10% instead.

■ 41.4000, 40.2288,
-23.1528

■ 41.4000, 40.2288,
-23.1528

■ 255.0000, 0.0000,
0.0000

■ 22.3250, 37.3078,
-19.5790

■ 93.8900, 40.4802,
-10.4275

■ 8.3220, 31.8863,
-7.2984

■ 119.5420, 41.6378,
-8.3683

■ 8.0480, 20.6823,
-7.0581

■ 145.8950, 42.9428,
-6.9239

■ 3.7790, 11.9410,
-3.3142

■ 172.0370, 40.9008,
-5.2944

■ 0.0000, 0.0000,
0.0000

■ 196.5570, 28.8124,
-1.3655

■ 221.6640, 16.4346,

2.0487

247.3580, 3.7675,
4.9480

41.4000, 40.2288,
-23.1528

41.4000, 40.2288,
-23.1528

31.9420, 44.8916,
-25.3821

50.8580, 35.5660,
-20.9235

29.8710, 45.9126,
-26.1969

60.0280, 31.0452,
-17.5646

69.4860, 26.3824,
-15.3352

78.3570, 22.0090,
-12.5911

87.8150, 17.3462,
-10.3618

■ 96.9850, 12.8254,
-7.0028

■ 106.4430, 8.1626,
-4.7735

■ 115.9010, 3.4998,
-2.5442

■ 125.0710, -1.0210,
0.8147

Harmonies

Analogous

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



47.9200, 41.4514, -42.0258



41.4000, 40.2288, -23.1528



37.8110, 27.2082, 46.6468

Triad

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



41.4000, 40.2288, -23.1528



42.1940, -20.8016, 45.4339



41.8830, 0.5507, -36.7314

Complementary

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



41.4000, 40.2288, -23.1528



96.6000, -40.2288, 23.1528

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.



35.8070, -17.6529, -31.4027



41.4000, 40.2288, -23.1528



46.1380, -22.7460, 15.6650

Square

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



41.4000, 40.2288, -23.1528



34.9700, -10.8312, 67.5553



39.1510, -19.3014, -15.9184



47.2580, 18.6068, -41.4453

Rectangle

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



41.4000, 40.2288, -23.1528



40.2290, 13.1981, 60.3122



39.1510, -19.3014, -15.9184



40.2870, -5.5645, -35.3317

Sweetspot

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



41.4000, 40.2288, -23.1528



129.0710, 15.7410, -8.8323



87.8580, 5.0000, -63.8965



62.4860, 9.6204, -5.6882



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



41.4000, 40.2288, -23.1528



39.4860, 59.9064, -34.6292



35.9830, 42.8994, 7.0309



56.2710, 2.3314, -1.1147



30.6860, 46.4968, -26.9116



61.6000, 93.8672, -54.0232

Inverse Universe

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



50.0280, -5.4368, 63.9964



52.2430, -8.0078, 95.3799



102.0170, -42.8994, -7.0309



56.9080, -0.4476, 3.5887



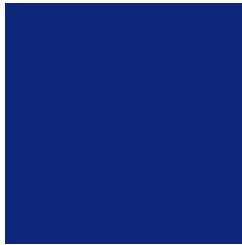
40.5670, -6.1955, 74.0477



81.7320, -12.6859, 149.3250

Previews

White Background



This preview shows how the YUV color 41.4000, 40.2288, -23.1528 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



This preview shows how the YUV color 41.4000, 40.2288, -23.1528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

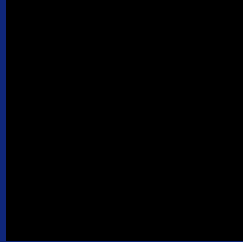
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.4000, 40.2288, -23.1528

Background



This preview shows how black text looks on a background with the YUV color 41.4000, 40.2288, -23.1528.



This preview shows how white text looks on a background with the YUV color 41.4000, 40.2288, -23.1528.

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

41.4000, 40.2288, -23.1528

Protanopia

38.8750, 29.6416, -34.0934

Deuteranopia

39.0400, 22.6583, -34.2381



Tritanopia

38.1960, 9.2704, -33.4979

Trichromacy



Original Color

41.4000, 40.2288, -23.1528

Protanomaly

39.6350, 33.7039, -30.3749

Deuteranomaly

39.7830, 29.1940, -30.5047

Tritanomaly

39.4920, 20.4634, -30.2495

Monochromacy



Original Color

41.4000, 40.2288, -23.1528

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.1420, 14.7200, -8.0175

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.4000, 40.2288, -23.1528 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(15, 39, 123)` looks like.

```
.text, #text, p{  
    color:rgb(15, 39, 123)  
}
```

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(15, 39, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 39, 123) }
```

Border

The CSS property to change the border of an element to YUV 41.4000, 40.2288, -23.1528 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(15, 39, 123) }
```


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

```
.border{ border-color:rgb(15, 39, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 39, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 39, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 39, 123);  
box-shadow:4px 4px 4px 4px rgb(15, 39,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 41.4000, 40.2288, -23.1528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 39, 123) }
```

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

```
.background{ background-color: rgb(15, 39,  
123) }
```

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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