

Converting Colors

YUV(14.0390, 51.2528,
-12.3122)

Have a look what the booklet for
YUV(14.0390, 51.2528, -12.3122)
contains.

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Color

**YUV(14.0390, 51.2528,
-12.3122)**

Conversions

Conversions Part 1

Format	Color
Hex	000176
RGB	0, 1, 118
RGB Percent	0%, 0%, 46%
CMY	1.0000, 0.9961, 0.5373
CMYK	1.00, 0.99, 0.00, 0.54
HSL	239°, 100%, 23%
HSV	239°, 100%, 46%
XYZ	3.2809, 1.3297, 17.2233
YIQ	14.0390, -38.1530, 36.1750

Conversions

Conversions Part 2

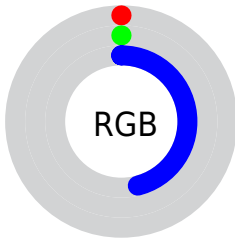
Format	Color
RYB	0, 1, 118
Decimal	374
CIELab	11.48, 44.34, -60.78
CIELCh	11, 75.238, 306.113
Yxy	1.3297, 0.1503, 0.0609
Android (android.graphics.Color)	4278190454 (0xFF000176)
YUV	14.0390, 51.2528, -12.3122
Hunter-Lab	11.5313, 30.6066, -80.4841

Details

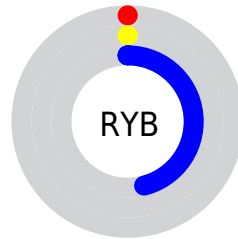
The YUV color **14.0390, 51.2528, -12.3122** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **103.9610, -51.2528, 12.3122**, and the grayscale version is **14.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.9920, 49.3039, 6.1460**, and **8.9260, 29.1235, -7.8281** is the 20% darker color. If you saturate the color by 10%, you get **14.0390, 51.2528, -12.3122**, and if you desaturate by 10%, it is **24.6710, 46.0112, -11.1125**.

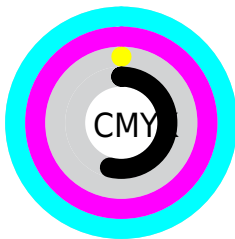
Distribution



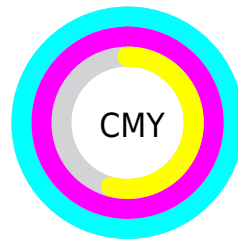
- Red (0%)
- Green (0%)
- Blue (46%)



- Red (0%)
- Yellow (0%)
- Blue (46%)



- Cyan (100%)
- Magenta (99%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 14.0390, 51.2528, -12.3122 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 14.0390, 51.2528, -12.3122 by changing the saturation by 10% instead.

■ 14.0390, 51.2528,
-12.3122

■ 14.0390, 51.2528,
-12.3122

■ 242.6730, 6.0772,
10.8108

■ 10.6020, 40.6222,
-9.2980

■ 71.9920, 49.3039,
6.1460

■ 8.9260, 29.1235,
-7.8281

■ 98.4160, 49.5879,
8.4052

■ 6.8910, 18.7877,
-6.0434

■ 124.4810, 51.0349,
10.9792

■ 3.2090, 9.7570,
-2.8143

■ 151.1930, 51.1769,
12.1087

■ 0.0000, 0.0000,
0.0000

■ 175.1260, 39.3779,
16.5525

■ 200.5320, 26.8527,

20.5814

■ 225.3510, 14.6170,
25.1252

■ 14.0390, 51.2528,
-12.3122

■ 24.6710, 46.0112,
-11.1125

■ 34.7160, 41.0590,
-9.3979

■ 45.0490, 35.9648,
-8.8130

■ 55.6810, 30.7233,
-7.6132

■ 65.7260, 25.7711,
-5.8987

■ 76.3580, 20.5295,
-4.6990

■ 86.9900, 15.2879,
-3.4992

■ 97.3230, 10.1938,
-2.9143

■ 107.3680, 5.2416,
-1.1997

Harmonies

Analogous

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



38.8530, 49.8655, -34.0741



14.0390, 51.2528, -12.3122



36.2430, 18.6142, 49.7759

Triad

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



14.0390, 51.2528, -12.3122



22.1040, -10.8973, 42.0048



31.0890, 4.8861, -27.2651

Complementary

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



14.0390, 51.2528, -12.3122



103.9610, -51.2528, 12.3122

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.



25.8280, -12.7332, -22.6512



14.0390, 51.2528, -12.3122



28.3410, -13.9721, 1.4549

Square

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



14.0390, 51.2528, -12.3122



29.3020, -14.4459, 60.2481



25.2410, -12.4438, -22.1364



38.7780, 26.7314, -34.0083

Rectangle

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



14.0390, 51.2528, -12.3122



36.5530, 1.6994, 61.7820



25.2410, -12.4438, -22.1364



28.3360, -3.1236, -24.8507

Sweetspot

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



14.0390, 51.2528, -12.3122



112.2440, 20.0927, -4.5990



82.4900, 16.5204, -72.3437



52.1920, 12.2303, -2.7994



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



14.0390, 51.2528, -12.3122



18.0290, 66.5407, -15.8114



30.4950, 43.1400, 23.2449



53.6840, 2.6208, -0.5999



14.4950, 53.0000, -12.7121



29.6740, 108.6207, -26.0241

Inverse Universe

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



35.3960, -16.9572, 72.4437



45.8610, -22.1165, 93.9609



87.5050, -43.1400, -23.2449



54.7940, -0.8844, 3.6887



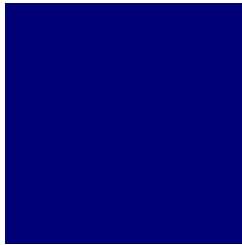
36.5920, -17.5469, 74.9028



74.9780, -35.9782, 153.4943

Previews

White Background



This preview shows how the YUV color 14.0390, 51.2528, -12.3122 looks on a white background.

Color Contrast Check

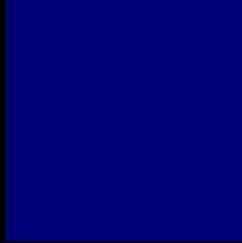
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0390, 51.2528, -12.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

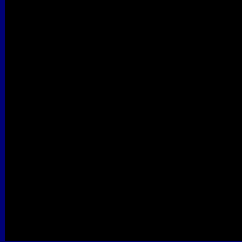
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 14.0390, 51.2528, -12.3122

Background



This preview shows how black text looks on a background with the YUV color 14.0390, 51.2528, -12.3122.



This preview shows how white text looks on a background with the YUV color 14.0390, 51.2528, -12.3122.

-12.3122.

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

14.0390, 51.2528, -12.3122

Protanopia

28.1660, 21.6102, -24.7016

Deuteranopia

28.6730, 15.9372, -25.1462



Tritanopia

28.1540, 6.3331, -24.6911

Trichromacy



Original Color

14.0390, 51.2528, -12.3122

Protanomaly

23.0600, 32.5084, -20.2236

Deuteranomaly

23.4360, 28.8721, -20.5534

Tritanomaly

23.1280, 22.6149, -20.2833

Monochromacy



Original Color

14.0390, 51.2528, -12.3122

Achromatopsia

14.0000, 0.0000, 0.0000

Achromatomaly

13.9020, 18.7823, -4.2991

CSS Examples

Text

The CSS property to change the color of the text to YUV 14.0390, 51.2528, -12.3122 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(0, 1, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 1, 118)  
}
```

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(0, 1, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 1, 118) }
```

Border

The CSS property to change the border of an element to YUV 14.0390, 51.2528, -12.3122 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(0, 1, 118) }
```


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

```
.border{ border-color:rgb(0, 1, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 1, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 1, 118); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 1, 118); box-shadow:4px  
4px 4px 4px rgb(0, 1, 118) }
```

Background

The CSS property to change the background color of an element to YUV 14.0390, 51.2528, -12.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 1, 118) }
```

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

```
.background{ background-color: rgb(0, 1,  
118) }
```

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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