

Converting Colors

YUV(47.9030, 47.3758,
-28.8559)

Have a look what the booklet for
YUV(47.9030, 47.3758, -28.8559)
contains.

YUV(47.9030, 47.3758, -28.8559)	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(47.9030, 47.3758,
-28.8559)**

Conversions

Conversions Part 1

Format	Color
Hex	0F2E90
RGB	15, 46, 144
RGB Percent	6%, 18%, 56%
CMY	0.9412, 0.8196, 0.4353
CMYK	0.90, 0.68, 0.00, 0.44
HSL	226°, 81%, 31%
HSV	226°, 90%, 56%
XYZ	6.2080, 4.0692, 26.8438
YIQ	47.9030, -49.9340, 23.9060

Conversions

Conversions Part 2

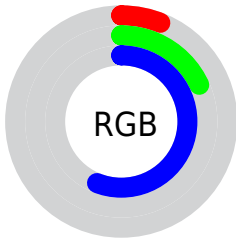
Format	Color
R_{YB}	15, 40, 144
Decimal	994960
CIE _{Lab}	23.90, 29.38, -56.62
CIE _{LCh}	24, 63.788, 297.429
Yxy	4.0692, 0.1672, 0.1096
Android (android.graphics.Color)	4279185040 (0xFF0F2E90)
YUV	47.9030, 47.3758, -28.8559
Hunter-Lab	20.1722, 19.6325, -64.7787

Details

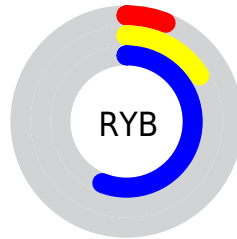
The YUV color **47.9030, 47.3758, -28.8559** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **111.0970, -47.3758, 28.8559**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.0020, 47.3270, -13.1568**, and **12.8360, 39.0279, -11.2572** is the 20% darker color. If you saturate the color by 10%, you get **37.2600, 52.6228, -31.8000**, and if you desaturate by 10%, it is **58.5460, 42.1288, -25.9118**.

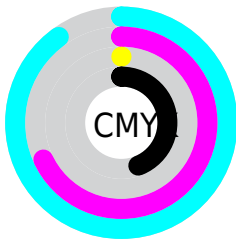
Distribution



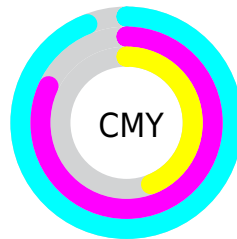
- Red (6%)
- Green (18%)
- Blue (56%)



- Red (6%)
- Yellow (16%)
- Blue (56%)



- Cyan (90%)
- Magenta (68%)
- Yellow (0%)
- Black (44%)



- Cyan (94%)
- Magenta (82%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.9030, 47.3758, -28.8559 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 47.9030, 47.3758, -28.8559 by changing the saturation by 10% instead.

■ 47.9030, 47.3758,
-28.8559

■ 47.9030, 47.3758,
-28.8559

■ 255.0000, 0.0000,
0.0000

■ 28.7140, 44.0180,
-25.1822

■ 103.0020, 47.3270,
-13.1568

■ 12.8360, 39.0279,
-11.2572

■ 128.9530, 48.3372,
-10.4828

■ 10.6870, 28.2553,
-9.3725

■ 156.0780, 48.7685,
-8.8384

■ 6.8910, 18.7877,
-6.0434

■ 180.0110, 36.9696,
-4.3946

■ 3.2090, 9.7570,
-2.8143

■ 204.5310, 24.8812,
-0.4657

■ 0.0000, 0.0000,
0.0000

■ 229.9370, 12.3561,

3.5633

253.2390, 0.8682,
1.5444

47.9030, 47.3758,
-28.8559

47.9030, 47.3758,
-28.8559

37.2600, 52.6228,
-31.8000

58.5460, 42.1288,
-25.9118

36.9610, 52.7702,
-32.4148

69.4880, 36.7344,
-22.3530

80.1310, 31.4874,
-19.4089

91.0730, 26.0930,
-15.8500

101.7160, 20.8460,
-12.9059

■ 112.3590, 15.5990,
-9.9618

■ 123.3010, 10.2046,
-6.4030

■ 133.9440, 4.9576,
-3.4589

■ 144.2990, -0.1474,
0.6148

Harmonies

Analogous

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



56.4120, 48.6039, -49.4733



47.9030, 47.3758, -28.8559



44.4190, 31.8384, 54.8835

Triad

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



47.9030, 47.3758, -28.8559



49.0270, -24.1703, 52.5963



49.2520, 0.8618, -43.1940

Complementary

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



47.9030, 47.3758, -28.8559



111.0970, -47.3758, 28.8559

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.



42.2640, -20.8362, -37.0655



47.9030, 47.3758, -28.8559



53.8240, -26.5352, 17.6944

Square

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



47.9030, 47.3758, -28.8559



41.1070, -11.8848, 78.8362



45.9180, -22.6376, -19.2221



55.4250, 21.9755, -48.6077

Rectangle

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



47.9030, 47.3758, -28.8559



47.2780, 15.6389, 70.7932



45.9180, -22.6376, -19.2221



46.7270, -6.2744, -40.9796

Sweetspot

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



47.9030, 47.3758, -28.8559



148.7440, 18.3672, -11.1765



101.7810, 5.0380, -76.1069



71.5290, 11.0782, -6.6029



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



47.9030, 47.3758, -28.8559



47.6190, 68.2218, -41.7619



39.2740, 51.6299, 6.7757



65.9720, 2.4788, -1.7294



34.1740, 49.7072, -29.9706



2.0860, 2.9156, -1.8294

Inverse Universe

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



57.1050, -5.4748, 76.2069



60.7440, -7.7618, 109.8495



119.7260, -51.6299, -6.7757



66.3210, -0.1583, 4.1035



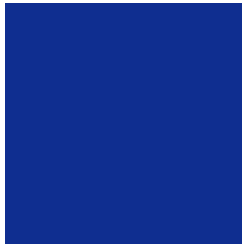
44.0130, -5.9224, 79.7956



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 47.9030, 47.3758, -28.8559 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 47.9030, 47.3758, -28.8559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

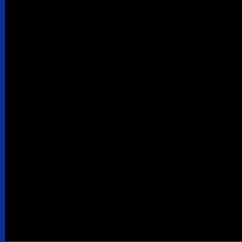
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.9030, 47.3758, -28.8559

Background



This preview shows how black text looks on a background with the YUV color 47.9030, 47.3758, -28.8559.



This preview shows how white text looks on a background with the YUV color 47.9030, 47.3758,

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

47.9030, 47.3758, -28.8559

Protanopia

45.5090, 34.7521, -39.9114

Deuteranopia

45.9190, 26.1689, -40.2710



Tritanopia

45.2060, 10.7444, -39.6457

Trichromacy



Original Color

47.9030, 47.3758, -28.8559

Protanomaly

46.3830, 39.2512, -36.2929

Deuteranomaly

46.3030, 33.8676, -36.2227

Tritanomaly

45.7840, 24.2635, -35.7676

Monochromacy



Original Color

47.9030, 47.3758, -28.8559

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8150, 17.3462, -10.3618

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.9030, 47.3758, -28.8559 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, 46, 144)` looks like.

```
.text, #text, p{  
    color:rgb(15, 46, 144)  
}
```

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, 46, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 46, 144) }
```

Border

The CSS property to change the border of an element to YUV 47.9030, 47.3758, -28.8559 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, 46, 144) }
```


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

```
.border{ border-color:rgb(15, 46, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 46, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 46, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 46, 144);  
box-shadow:4px 4px 4px 4px rgb(15, 46,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 47.9030, 47.3758, -28.8559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 46, 144) }
```

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

```
.background{ background-color: rgb(15, 46,  
144) }
```

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