

Converting Colors

YUV(51.2510, 42.7673,
-44.0701)

Have a look what the booklet for
YUV(51.2510, 42.7673, -44.0701)
contains.

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Color

**YUV(51.2510, 42.7673,
-44.0701)**

Conversions

Conversions Part 1

Format	Color
Hex	013C8A
RGB	1, 60, 138
RGB Percent	0%, 24%, 54%
CMY	0.9961, 0.7647, 0.4588
CMYK	0.99, 0.57, 0.00, 0.46
HSL	214°, 99%, 27%
HSV	214°, 99%, 54%
XYZ	6.2158, 5.0731, 24.6964
YIQ	51.2510, -60.2020, 11.7500

Conversions

Conversions Part 2

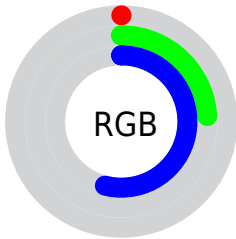
Format	Color
RYB	1, 42, 138
Decimal	81034
CIELab	26.94, 16.35, -47.93
CIELCh	27, 50.644, 288.834
Yxy	5.0731, 0.1727, 0.1410
Android (android.graphics.Color)	4278271114 (0xFF013C8A)
YUV	51.2510, 42.7673, -44.0701
Hunter-Lab	22.5237, 9.8440, -49.2428

Details

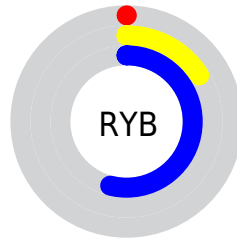
The YUV color **51.2510, 42.7673, -44.0701** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **87.7490, -42.7673, 44.0701**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.6170, 41.1078, -25.0971**, and **21.6580, 32.2136, -18.9941** is the 20% darker color. If you saturate the color by 10%, you get **50.3650, 43.2041, -44.1701**, and if you desaturate by 10%, it is **60.1330, 38.3884, -39.5816**.

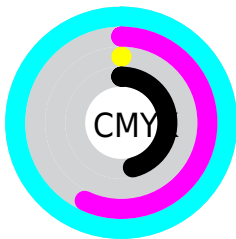
Distribution



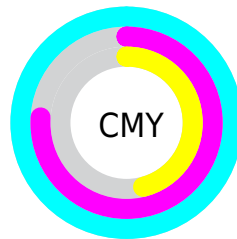
- Red (0%)
- Green (24%)
- Blue (54%)



- Red (0%)
- Yellow (16%)
- Blue (54%)



- Cyan (99%)
- Magenta (57%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (76%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.2510, 42.7673, -44.0701 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 51.2510, 42.7673, -44.0701 by changing the saturation by 10% instead.

■ 51.2510, 42.7673,
-44.0701

■ 51.2510, 42.7673,
-44.0701

■ 255.0000, 0.0000,
0.0000

■ 35.6610, 37.6351,
-31.2747

■ 108.6170, 41.1078,
-25.0971

■ 21.6580, 32.2136,
-18.9941

■ 135.1550, 41.8286,
-22.9379

■ 9.5300, 26.3607,
-8.3578

■ 162.3940, 42.6968,
-21.3935

■ 6.3210, 16.6037,
-5.5435

■ 186.7120, 33.6660,
-18.1644

■ 2.6390, 7.5730,
-2.3144

■ 211.8190, 21.2882,
-14.7503

■ 0.0000, 0.0000,
0.0000

■ 237.2250, 8.7631,

-10.7213

254.7010, 0.1474,
-0.6148

■ 51.2510, 42.7673,
-44.0701

■ 51.2510, 42.7673,
-44.0701

■ 50.3650, 43.2041,
-44.1701

■ 60.1330, 38.3884,
-39.5816

■ 69.0150, 34.0096,
-35.0932

■ 77.5980, 29.7782,
-31.2194

■ 85.8930, 25.6888,
-26.2162

■ 94.7750, 21.3099,
-21.7277

■ 103.6570, 16.9311,
-17.2392

■ 112.5390, 12.5523,
-12.7507

■ 121.1220, 8.3209,
-8.8770

■ 130.0040, 3.9420,
-4.3885

Harmonies

Analogous

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



58.9250, 40.4630, -51.6772



51.2510, 42.7673, -44.0701



64.1090, 25.0893, 26.2144

Triad

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



51.2510, 42.7673, -44.0701



56.5170, -27.3699, 52.1666



51.7310, -2.3324, -45.3681

Complementary

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



51.2510, 42.7673, -44.0701



87.7490, -42.7673, 44.0701

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.



44.8400, -21.1201, -39.3247



51.2510, 42.7673, -44.0701



60.6680, -29.9093, 26.6012

Square

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



51.2510, 42.7673, -44.0701



49.1150, -4.0007, 70.0591



57.5460, -28.3702, -0.4788



56.9920, 15.2869, -49.9820

Rectangle

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



51.2510, 42.7673, -44.0701



57.2110, 17.1510, 52.4350



57.5460, -28.3702, -0.4788



49.6620, -7.7214, -43.5536

Sweetspot

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



51.2510, 42.7673, -44.0701



144.6570, 16.9311, -17.2392



90.3110, -5.5763, -78.3257



68.8660, 9.9261, -10.4065



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



51.2510, 42.7673, -44.0701



65.6050, 55.9037, -57.5356



19.3090, 58.5147, -8.1640



64.5590, 2.1894, -2.2442



48.6210, 41.5988, -42.6406



1.7440, 1.6052, -1.5295

Inverse Universe

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



48.6890, 5.5763, 78.3257



62.2990, 7.2476, 102.3468



119.6910, -58.5147, 8.1640



64.4350, 0.2785, 4.0035



46.2650, 5.2924, 76.0666



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 51.2510, 42.7673, -44.0701 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 51.2510, 42.7673, -44.0701 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 51.2510, 42.7673, -44.0701 Background



This preview shows how black text looks on a background with the YUV color 51.2510, 42.7673, -44.0701.



This preview shows how white text looks on a background with the YUV color 51.2510, 42.7673,

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

51.2510, 42.7673, -44.0701

Protanopia

51.3280, 39.2783, -45.0147

Deuteranopia

51.6240, 30.2584, -45.2742



Tritanopia

50.3410, 12.6499, -44.1491

Trichromacy



Original Color

51.2510, 42.7673, -44.0701

Protanomaly

51.0830, 40.8781, -44.7998

Deuteranomaly

51.4760, 34.7683, -45.1445

Tritanomaly

50.6150, 23.8538, -44.3894

Monochromacy



Original Color

51.2510, 42.7673, -44.0701

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.0270, 15.7627, -15.8097

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.2510, 42.7673, -44.0701 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(1, 60, 138)` looks like.

```
.text, #text, p{  
    color:rgb(1, 60, 138)  
}
```

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(1, 60, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 60, 138) }
```

Border

The CSS property to change the border of an element to YUV 51.2510, 42.7673, -44.0701 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(1, 60, 138) }
```


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

```
.border{ border-color:rgb(1, 60, 138) }
```

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

Here you see how a box with a 4 pixel rgb(1, 60, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 60, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 60, 138);  
box-shadow:4px 4px 4px 4px rgb(1, 60, 138)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.2510, 42.7673, -44.0701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 60, 138) }
```

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

```
.background{ background-color: rgb(1, 60,  
138) }
```

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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