

Converting Colors

YUV(52.3070, 44.7116,
-14.3012)

Have a look what the booklet for
YUV(52.3070, 44.7116, -14.3012)
contains.

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Color

**YUV(52.3070, 44.7116,
-14.3012)**

Conversions

Conversions Part 1

Format	Color
Hex	242B8F
RGB	36, 43, 143
RGB Percent	14%, 17%, 56%
CMY	0.8588, 0.8314, 0.4392
CMYK	0.75, 0.70, 0.00, 0.44
HSL	236°, 60%, 35%
HSV	236°, 75%, 56%
XYZ	6.5494, 4.0860, 26.4301
YIQ	52.3070, -36.2720, 29.6160

Conversions

Conversions Part 2

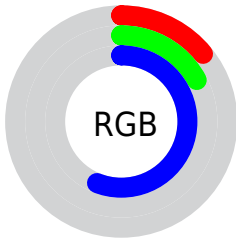
Format	Color
R_{YB}	36, 43, 143
Decimal	2370447
CIE _{Lab}	23.95, 32.77, -55.87
CIE _{LCh}	24, 64.776, 300.392
Yxy	4.0860, 0.1767, 0.1102
Android (android.graphics.Color)	4280560527 (0xFF242B8F)
YUV	52.3070, 44.7116, -14.3012
Hunter-Lab	20.2138, 22.4604, -63.3734

Details

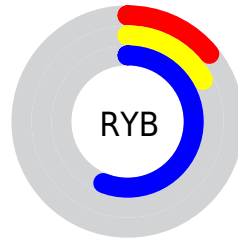
The YUV color **52.3070, 44.7116, -14.3012** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **126.6930, -44.7116, 14.3012**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.1170, 46.2843, -5.3646**, and **10.3740, 39.7486, -9.0980** is the 20% darker color. If you saturate the color by 10%, you get **40.4900, 50.5374, -16.2157**, and if you desaturate by 10%, it is **64.1240, 38.8859, -12.3867**.

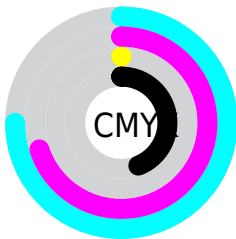
Distribution



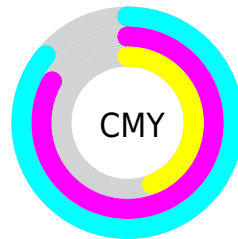
- Red (14%)
- Green (17%)
- Blue (56%)



- Red (14%)
- Yellow (17%)
- Blue (56%)



- Cyan (75%)
- Magenta (70%)
- Yellow (0%)
- Black (44%)



- Cyan (86%)
- Magenta (83%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.3070, 44.7116, -14.3012 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 52.3070, 44.7116, -14.3012 by changing the saturation by 10% instead.

■ 52.3070, 44.7116,
-14.3012

■ 52.3070, 44.7116,
-14.3012

■ 255.0000, 0.0000,
0.0000

■ 26.2520, 44.7388,
-23.0230

■ 104.1170, 46.2843,
-5.3646

■ 10.3740, 39.7486,
-9.0980

■ 130.3560, 47.1525,
-3.8202

■ 8.8120, 28.6867,
-7.7281

■ 157.0080, 48.3101,
-1.7610

■ 6.7770, 18.3509,
-5.9434

■ 181.5280, 36.2217,
2.1679

■ 3.0950, 9.3202,
-2.7143

■ 206.0480, 24.1333,
6.0969

■ 0.0000, 0.0000,
0.0000

■ 231.4540, 11.6082,

10.1258

252.0650, 1.4470,
2.5740

52.3070, 44.7116,
-14.3012

52.3070, 44.7116,
-14.3012

40.4900, 50.5374,
-16.2157

64.1240, 38.8859,
-12.3867

27.7870, 56.8000,
-18.2302

76.8270, 32.6233,
-10.3723

21.5850, 59.8576,
-18.9300

88.6440, 26.7975,
-8.4578

100.4610, 20.9717,
-6.5433

113.1640, 14.7091,
-4.5288

■ 124.9810, 8.8834,
-2.6143

■ 137.3850, 2.7682,
-1.2146

■ 149.2020, -3.0576,
0.6998

■ 161.3180, -9.0308,
3.2291

Harmonies

Analogous

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



56.0530, 49.7669, -49.1585



52.3070, 44.7116, -14.3012



45.5720, 29.7910, 58.2574

Triad

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



52.3070, 44.7116, -14.3012



50.1900, -24.7437, 49.8224



49.8220, 3.0458, -43.6939

Complementary

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



52.3070, 44.7116, -14.3012



126.6930, -44.7116, 14.3012

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



52.3070, 44.7116, -14.3012



53.8020, -26.5244, 14.2056

Square

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



52.3070, 44.7116, -14.3012



40.3090, -14.9423, 79.5360



43.2160, -21.3055, -26.4994



56.1090, 24.5963, -49.2076

Rectangle

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



52.3070, 44.7116, -14.3012



47.7190, 13.4495, 73.0374



43.2160, -21.3055, -26.4994



47.8840, -4.3798, -41.9943

Sweetspot

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



52.3070, 44.7116, -14.3012



151.4350, 17.0405, -5.6435



110.2090, 12.7150, -65.0813



73.3230, 10.1938, -2.9143



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.



52.3070, 44.7116, -14.3012



44.4950, 69.7620, -22.3591



61.9520, 39.9567, 17.5821



65.3850, 2.7682, -1.2146



20.6730, 56.3632, -18.1302



1.4990, 3.2050, -1.3146

Inverse Universe

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



68.7910, -12.7150, 65.0813



70.1870, -19.8122, 101.5680



117.0480, -39.9567, -17.5821



66.2070, -0.5951, 4.2035



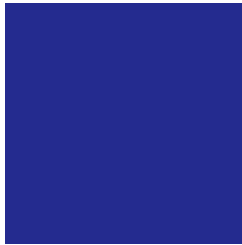
41.3910, -15.9688, 82.0951



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 52.3070, 44.7116, -14.3012 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 52.3070, 44.7116, -14.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

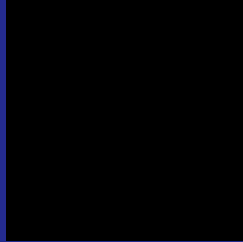
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.3070, 44.7116, -14.3012

Background



This preview shows how black text looks on a background with the YUV color 52.3070, 44.7116, -14.3012.



This preview shows how white text looks on a background with the YUV color 52.3070, 44.7116,

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

52.3070, 44.7116, -14.3012

Deuteranopia

45.9190, 26.1689, -40.2710

Tritanopia

45.2060, 10.7444, -39.6457

Trichromacy



Original Color

52.3070, 44.7116, -14.3012

Deuteranomaly

48.1080, 32.9778, -30.7897

Tritanomaly

47.5890, 23.3736, -30.3346

Monochromacy



Original Color

52.3070, 44.7116, -14.3012

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.2070, 16.1669, -5.4435

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.3070, 44.7116, -14.3012 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(36, 43, 143)` looks like.

```
.text, #text, p{  
    color:rgb(36, 43, 143)  
}
```

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(36, 43, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 43, 143) }
```

Border

The CSS property to change the border of an element to YUV 52.3070, 44.7116, -14.3012 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(36, 43, 143) }
```

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

```
.border{ border-color:rgb(36, 43, 143) }
```

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

Here you see how a box with a 4 pixel rgb(36, 43, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 43, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 43, 143);  
box-shadow:4px 4px 4px 4px rgb(36, 43,  
143) }
```


Background

The CSS property to change the background color of an element to YUV 52.3070, 44.7116, -14.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 43, 143) }
```

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

```
.background{ background-color: rgb(36, 43,  
143) }
```

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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