

Converting Colors

YUV(45.7510, 14.4198, -5.0436)

Have a look what the booklet for
YUV(45.7510, 14.4198, -5.0436)
contains.

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Color

**YUV(45.7510, 14.4198,
-5.0436)**

Conversions

Conversions Part 1

Format	Color
Hex	282B4B
RGB	40, 43, 75
RGB Percent	16%, 17%, 29%
CMY	0.8431, 0.8314, 0.7059
CMYK	0.47, 0.43, 0.00, 0.71
HSL	235°, 30%, 23%
HSV	235°, 47%, 29%
XYZ	3.0089, 2.6869, 7.0166
YIQ	45.7510, -12.0600, 9.3160

Conversions

Conversions Part 2

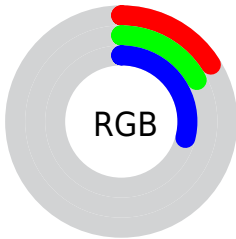
Format	Color
RYB	40, 43, 75
Decimal	2632523
CIELab	18.74, 8.42, -20.28
CIELCh	19, 21.958, 292.535
Yxy	2.6869, 0.2367, 0.2114
Android (android.graphics.Color)	4280822603 (0xFF282B4B)
YUV	45.7510, 14.4198, -5.0436
Hunter-Lab	16.3917, 4.0810, -13.9056

Details

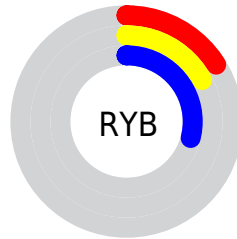
The YUV color **45.7510, 14.4198, -5.0436** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **69.2490, -14.4198, 5.0436**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.8050, 15.8721, -4.2140**, and **3.5340, 13.5407, -3.0993** is the 20% darker color. If you saturate the color by 10%, you get **39.5490, 17.4773, -5.7435**, and if you desaturate by 10%, it is **52.2520, 11.2148, -3.7290**.

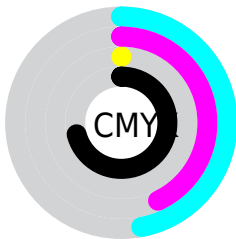
Distribution



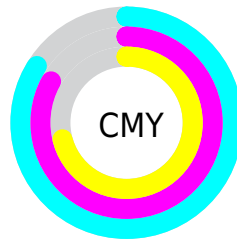
- Red (16%)
- Green (17%)
- Blue (29%)



- Red (16%)
- Yellow (17%)
- Blue (29%)



- Cyan (47%)
- Magenta (43%)
- Yellow (0%)
- Black (71%)



- Cyan (84%)
- Magenta (83%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.7510, 14.4198, -5.0436 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 45.7510, 14.4198, -5.0436 by changing the saturation by 10% instead.

■ 45.7510, 14.4198,
-5.0436

■ 45.7510, 14.4198,
-5.0436

■ 255.0000, 0.0000,
0.0000

■ 24.5120, 13.5516,
-6.5880

■ 91.8050, 15.8721,
-4.2140

■ 3.5340, 13.5407,
-3.0993

■ 116.9190, 16.3089,
-4.3140

■ 0.2280, 0.8736,
-0.2000

■ 142.4460, 17.0351,
-3.8991

■ 0.0000, 0.0000,
0.0000

■ 168.8590, 17.3245,
-3.3843

■ 195.9730, 17.7613,
-3.4843

■ 223.4030, 15.5773,

-2.9844

249.0970, 2.9102,
-0.0851

45.7510, 14.4198,
-5.0436

45.7510, 14.4198,
-5.0436

39.5490, 17.4773,
-5.7435

52.2520, 11.2148,
-3.7290

33.0480, 20.6823,
-7.0581

58.4540, 8.1572,
-3.0292

26.8460, 23.7399,
-7.7579

64.9550, 4.9522,
-1.7145

20.9320, 26.6555,
-9.5874

70.5700, 2.1840,
-0.4999

14.7300, 29.7131,
-10.2872

77.0710, -1.0210,
0.8147

■ 12.0720, 31.0235,
-10.5871

■ 83.2730, -4.0786,
1.5146

■ 89.7740, -7.2836,
2.8292

■ 95.9760, -10.3412,
3.5290

■ 102.4770,
-13.5462, 4.8437

Harmonies

Analogous

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



36.9540, 19.7427, -32.4087



45.7510, 14.4198, -5.0436



47.3680, 8.6926, 11.9553

Triad

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



45.7510, 14.4198, -5.0436



45.0430, -11.8532, 21.8873



35.7850, 2.5710, -31.3834

Complementary

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



45.7510, 14.4198, -5.0436



69.2490, -14.4198, 5.0436

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.



40.5500, -7.6661, -14.5143



45.7510, 14.4198, -5.0436



43.9510, -15.7518, 12.3210

Square

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



45.7510, 14.4198, -5.0436



45.6720, -5.7543, 25.7207



42.7430, -13.6773, 0.2254



37.6090, 9.5598, -32.9831

Rectangle

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



45.7510, 14.4198, -5.0436



46.6850, 4.5923, 20.4473



42.7430, -13.6773, 0.2254



36.4110, -0.2026, -28.4244

Sweetspot

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



45.7510, 14.4198, -5.0436



85.1830, 5.8258, -1.9145



64.1930, 3.8489, -21.2173



41.4990, 3.2050, -1.3146



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



45.7510, 14.4198, -5.0436



51.5040, 22.4295, -7.4580



48.1760, 13.2242, 5.1076



35.0430, 1.4578, -0.9147



16.9110, 41.9489, -14.8309



37.9600, 94.6757, -33.2909

Inverse Universe

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



50.8070, -3.8489, 21.2173



59.6020, -6.2128, 32.7980



66.8240, -13.2242, -5.1076



35.3100, -0.1528, 2.3591



31.5240, -11.1043, 61.8075



71.0500, -25.1676, 139.3991

Previews

White Background



This preview shows how the YUV color 45.7510, 14.4198, -5.0436 looks on a white background.

Color Contrast Check

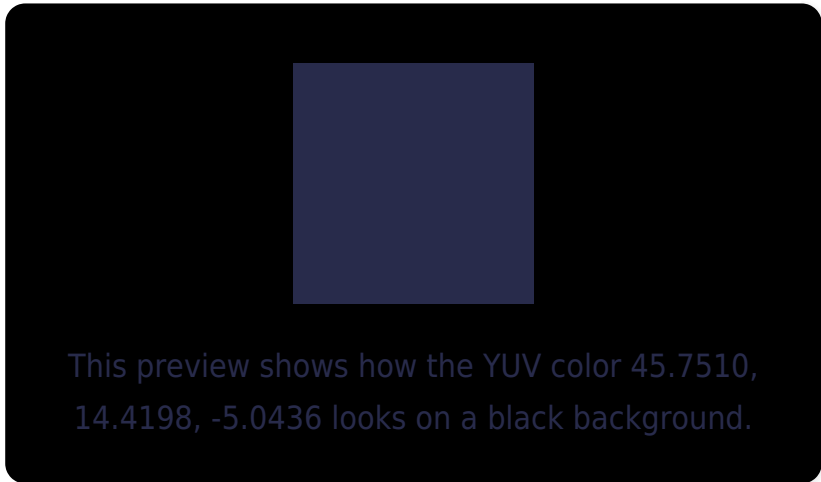
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

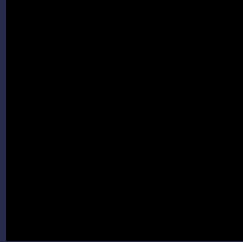
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.7510, 14.4198, -5.0436

Background



This preview shows how black text looks on a background with the YUV color 45.7510, 14.4198, -5.0436.



This preview shows how white text looks on a background with the YUV color 45.7510, 14.4198,

-5.0436.

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

45.7510, 14.4198, -5.0436

Protanopia

44.7610, 15.8938, -11.1914

Deuteranopia

43.8100, 14.8837, -13.8654



Tritanopia

43.9710, 3.9583, -9.6216

Trichromacy



Original Color

45.7510, 14.4198, -5.0436

Protanomaly

44.9570, 15.3042, -8.7323

Deuteranomaly

44.4190, 14.5834, -10.8915

Tritanomaly

44.6060, 7.5892, -7.5475

Monochromacy



Original Color

45.7510, 14.4198, -5.0436

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.0690, 5.3890, -1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.7510, 14.4198, -5.0436 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(40, 43, 75)` looks like.

```
.text, #text, p{  
    color:rgb(40, 43, 75)  
}
```

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(40, 43, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 43, 75) }
```

Border

The CSS property to change the border of an element to YUV 45.7510, 14.4198, -5.0436 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(40, 43, 75) }
```


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

```
.border{ border-color:rgb(40, 43, 75) }
```

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

Here you see how a box with a 4 pixel rgb(40, 43, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 43, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 43, 75);  
box-shadow:4px 4px 4px 4px rgb(40, 43, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.7510, 14.4198, -5.0436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 43, 75) }
```

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

```
.background{ background-color: rgb(40, 43,  
75) }
```

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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