

Converting Colors

YUV(45.7500, 36.1123, -9.4277)

Have a look what the booklet for
YUV(45.7500, 36.1123, -9.4277)
contains.

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Color

**YUV(45.7500, 36.1123,
-9.4277)**

Conversions

Conversions Part 1

Format	Color
Hex	232577
RGB	35, 37, 119
RGB Percent	14%, 15%, 47%
CMY	0.8627, 0.8549, 0.5333
CMYK	0.71, 0.69, 0.00, 0.53
HSL	239°, 55%, 30%
HSV	239°, 71%, 47%
XYZ	4.6845, 3.0124, 17.7873
YIQ	45.7500, -27.5140, 25.0780

Conversions

Conversions Part 2

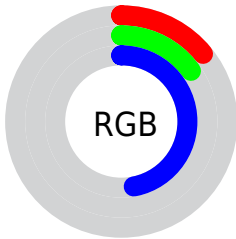
Format	Color
RYB	35, 37, 119
Decimal	2303351
CIELab	20.09, 27.75, -47.10
CIELCh	20, 54.666, 300.500
Yxy	3.0124, 0.1838, 0.1182
Android (android.graphics.Color)	4280493431 (0xFF232577)
YUV	45.7500, 36.1123, -9.4277
Hunter-Lab	17.3562, 17.8043, -48.6134

Details

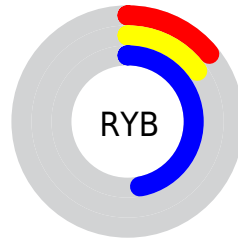
The YUV color **45.7500, 36.1123, -9.4277** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **108.2500, -36.1122, 9.4278**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.2500, 37.8377, -2.8502**, and **7.9800, 30.5759, -6.9985** is the 20% darker color. If you saturate the color by 10%, you get **35.1180, 41.3538, -10.6275**, and if you desaturate by 10%, it is **56.3820, 30.8707, -8.2280**.

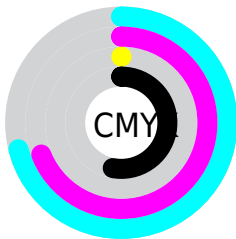
Distribution



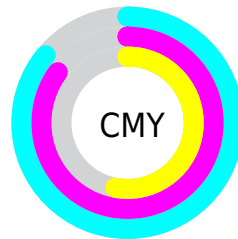
- Red (14%)
- Green (15%)
- Blue (47%)



- Red (14%)
- Yellow (15%)
- Blue (47%)



- Cyan (71%)
- Magenta (69%)
- Yellow (0%)
- Black (53%)



- Cyan (86%)
- Magenta (85%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.7500, 36.1123, -9.4277 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 45.7500, 36.1123, -9.4277 by changing the saturation by 10% instead.

■ 45.7500, 36.1123,
-9.4277

■ 45.7500, 36.1123,
-9.4277

■ 255.0000, 0.0000,
0.0000

■ 20.6950, 36.1394,
-18.1495

■ 95.2500, 37.8377,
-2.8502

■ 7.9800, 30.5759,
-6.9985

■ 120.6030, 39.1427,
-1.4058

■ 7.5920, 18.9351,
-6.6582

■ 147.4290, 39.7215,
-0.3762

■ 3.4370, 10.6306,
-3.0142

■ 174.1410, 39.8635,
0.7533

■ 0.0000, 0.0000,
0.0000

■ 198.3620, 27.9225,
4.0675

■ 223.4690, 15.5448,

7.4817

246.7820, 4.0515,
7.2072

45.7500, 36.1123,
-9.4277

45.7500, 36.1123,
-9.4277

35.1180, 41.3538,
-10.6275

56.3820, 30.8707,
-8.2280

25.0730, 46.3060,
-12.3420

66.4270, 25.9185,
-6.5135

15.3270, 51.1108,
-13.4418

77.0590, 20.6769,
-5.3137

87.1040, 15.7247,
-3.5992

97.7360, 10.4832,
-2.3995

■ 108.0690, 5.3890,
-1.8145

■ 118.1140, 0.4368,
-0.1000

■ 128.7460, -4.8048,
1.0998

■ 139.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



46.6320, 41.5934, -40.8963



45.7500, 36.1123, -9.4277



38.2520, 25.0188, 48.8910

Triad

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



45.7500, 36.1123, -9.4277



43.6450, -21.5170, 41.5303



42.4530, 2.7347, -37.2313

Complementary

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



45.7500, 36.1123, -9.4277



108.2500, -36.1122, 9.4278

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.



36.3940, -17.9422, -31.9175



45.7500, 36.1123, -9.4277



46.1160, -22.7352, 12.1763

Square

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



45.7500, 36.1123, -9.4277



33.8020, -12.7204, 66.8256



38.2430, -18.8538, -19.5071



47.7140, 20.3540, -41.8452

Rectangle

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



45.7500, 36.1123, -9.4277



40.0720, 11.3035, 61.3269



38.2430, -18.8538, -19.5071



40.8570, -3.3805, -35.8316

Sweetspot

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



45.7500, 36.1123, -9.4277



127.3490, 14.1249, -3.8141



93.5420, 11.0718, -51.3413



61.8670, 8.4466, -2.5144



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



45.7500, 36.1123, -9.4277



39.9230, 57.2260, -14.8415



56.2370, 30.9422, 15.5782



53.6840, 2.6208, -0.5999



15.6690, 52.4212, -13.7417



32.0220, 107.4632, -28.0833

Inverse Universe

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



60.3440, -11.5086, 51.4413



63.1090, -18.2947, 81.4654



97.7630, -30.9422, -15.5782



54.7940, -0.8844, 3.6887



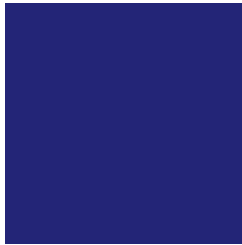
36.8200, -16.6733, 74.7029



75.4340, -34.2310, 153.0944

Previews

White Background



This preview shows how the YUV color 45.7500, 36.1123, -9.4277 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 45.7500, 36.1123, -9.4277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

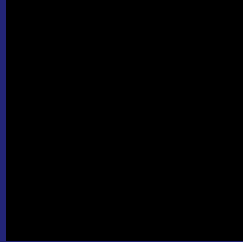
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.7500, 36.1123, -9.4277

Background



This preview shows how black text looks on a background with the YUV color 45.7500, 36.1123, -9.4277.



This preview shows how white text looks on a background with the YUV color 45.7500, 36.1123,

-9.4277.

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

45.7500, 36.1123, -9.4277

Protanopia

38.9890, 30.0784, -34.1934

Deuteranopia

39.0400, 22.6583, -34.2381



Tritanopia

38.3100, 9.7072, -33.5979

Trichromacy



Original Color

45.7500, 36.1123, -9.4277

Protanomaly

41.3260, 32.3773, -24.8419

Deuteranomaly

41.3600, 27.4305, -24.8717

Tritanomaly

41.1830, 19.1368, -24.7165

Monochromacy



Original Color

45.7500, 36.1123, -9.4277

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.1210, 13.2513, -3.6141

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.7500, 36.1123, -9.4277 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(35, 37, 119)` looks like.

```
.text, #text, p{  
    color:rgb(35, 37, 119)  
}
```

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(35, 37, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 37, 119) }
```

Border

The CSS property to change the border of an element to YUV 45.7500, 36.1123, -9.4277 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(35, 37, 119) }
```


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

```
.border{ border-color:rgb(35, 37, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 37, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 37, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 37, 119);  
box-shadow:4px 4px 4px 4px rgb(35, 37,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 45.7500, 36.1123, -9.4277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 37, 119) }
```

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

```
.background{ background-color: rgb(35, 37,  
119) }
```

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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