

Converting Colors

YUV(72.5330, 24.8802,
-46.9484)

Have a look what the booklet for
YUV(72.5330, 24.8802, -46.9484)
contains.

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Color

**YUV(72.5330, 24.8802,
-46.9484)**

Conversions

Conversions Part 1

Format	Color
Hex	135A7B
RGB	19, 90, 123
RGB Percent	7%, 35%, 48%
CMY	0.9255, 0.6471, 0.5176
CMYK	0.85, 0.27, 0.00, 0.52
HSL	199°, 73%, 28%
HSV	199°, 85%, 48%
XYZ	7.4999, 8.8808, 20.0578
YIQ	72.5330, -52.9090, -4.7890

Conversions

Conversions Part 2

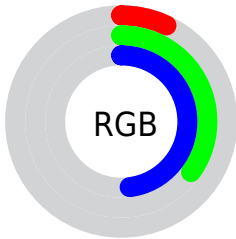
Format	Color
R_{YB}	19, 61, 123
Decimal	1268347
CIE _{Lab}	35.75, -8.62, -24.57
CIE _{LCh}	36, 26.036, 250.668
Yxy	8.8808, 0.2058, 0.2437
Android (android.graphics.Color)	4279458427 (0xFF135A7B)
YUV	72.5330, 24.8802, -46.9484
Hunter-Lab	29.8007, -7.2286, -19.0454

Details

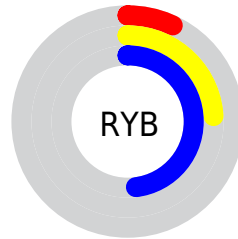
The YUV color **72.5330, 24.8802, -46.9484** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **69.4670, -24.8802, 46.9484**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.7620, 24.2743, -39.2563**, and **34.8510, 19.3005, -30.5643** is the 20% darker color. If you saturate the color by 10%, you get **66.5970, 27.8067, -52.2666**, and if you desaturate by 10%, it is **78.4690, 21.9538, -41.6303**.

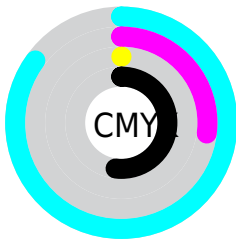
Distribution



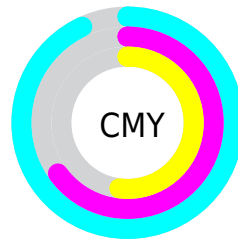
- Red (7%)
- Green (35%)
- Blue (48%)



- Red (7%)
- Yellow (24%)
- Blue (48%)



- Cyan (85%)
- Magenta (27%)
- Yellow (0%)
- Black (52%)



- Cyan (93%)
- Magenta (65%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.5330, 24.8802, -46.9484 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 72.5330, 24.8802, -46.9484 by changing the saturation by 10% instead.

■ 72.5330, 24.8802,
-46.9484

■ 72.5330, 24.8802,
-46.9484

■ 255.0000, 0.0000,
0.0000

■ 50.5010, 23.4170,
-44.2894

■ 126.7620, 24.2743,
-39.2563

■ 34.8510, 19.3005,
-30.5643

■ 153.4740, 24.4163,
-38.1267

■ 20.4890, 15.0419,
-17.9689

■ 180.5880, 24.8531,
-38.2267

■ 4.5940, 12.5252,
-4.0289

■ 208.1320, 23.1059,
-37.8268

■ 0.0000, 0.0000,
0.0000

■ 233.8260, 10.4388,
-34.9274

■ 245.4320, 4.7170,

-19.6729

254.1030, 0.4422,
-1.8443

■ 72.5330, 24.8802,
-46.9484

■ 72.5330, 24.8802,
-46.9484

■ 66.5970, 27.8067,
-52.2666

■ 78.4690, 21.9538,
-41.6303

■ 63.3300, 29.4173,
-55.5404

■ 84.7040, 18.8799,
-35.6974

■ 90.6400, 15.9535,
-30.3793

■ 96.5760, 13.0270,
-25.0612

■ 102.8110, 9.9532,
-19.1282

■ 108.1600, 7.3161,
-13.2953

■ 114.0960, 4.3897,
-7.9772

■ 120.0320, 1.4632,
-2.6591

■ 126.2670, -1.6106,
3.2738

Harmonies

Analogous

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



67.8320, 21.2818, -59.4887



72.5330, 24.8802, -46.9484



82.9930, 20.7095, -15.7799

Triad

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



72.5330, 24.8802, -46.9484



85.1830, -4.0342, 34.0425



79.3780, -13.4974, -10.8555

Complementary

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



72.5330, 24.8802, -46.9484



69.4670, -24.8802, 46.9484

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.



81.5930, -19.5193, 7.3729



72.5330, 24.8802, -46.9484



84.4680, -13.0487, 32.0386

Square

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



72.5330, 24.8802, -46.9484



86.3590, 5.7390, 25.9952



83.5070, -18.9840, 22.3574



74.8190, -2.3758, -31.4133

Rectangle

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



72.5330, 24.8802, -46.9484



85.4790, 17.0189, 1.3339



83.5070, -18.9840, 22.3574



80.0260, -16.2818, -4.4078

Sweetspot

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



72.5330, 24.8802, -46.9484



141.1100, 9.8058, -18.5135



83.8100, -15.6823, -56.8384



69.8290, 6.0003, -11.2510



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



72.5330, 24.8802, -46.9484



82.9240, 38.4915, -72.7243



42.0090, 39.9286, -20.1789



58.0320, 1.4632, -2.6591



64.1450, 30.0015, -56.2552



129.6920, 60.2978, -113.7399

Inverse Universe

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



58.1900, 15.6823, 56.8384



60.6790, 24.3153, 87.9815



99.9910, -39.9286, 20.1789



57.2500, 0.8628, 3.2887



47.0650, 18.7020, 68.3490



94.9560, 37.9827, 137.7276

Previews

White Background



This preview shows how the YUV color 72.5330, 24.8802, -46.9484 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 72.5330, 24.8802, -46.9484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

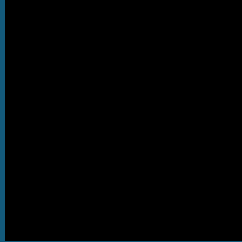
Any Text WCAG AA × Fail

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 72.5330, 24.8802, -46.9484 Background



This preview shows how black text looks on a background with the YUV color 72.5330, 24.8802, -46.9484.



This preview shows how white text looks on a background with the YUV color 72.5330, 24.8802,

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

72.5330, 24.8802, -46.9484

Protanopia

83.8860, 16.3252, -9.5470

Deuteranopia

82.7050, 20.8514, -14.6503

Trichromacy



Original Color

72.5330, 24.8802, -46.9484

Protanomaly

79.8950, 19.2788, -23.5869

Deuteranomaly

79.2690, 22.0524, -26.5459

Monochromacy



Original Color

72.5330, 24.8802, -46.9484

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.5940, 9.0742, -17.1839

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.5330, 24.8802, -46.9484 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(19, 90, 123)` looks like.

```
.text, #text, p{  
    color:rgb(19, 90, 123)  
}
```

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(19, 90, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 90, 123) }
```

Border

The CSS property to change the border of an element to YUV 72.5330, 24.8802, -46.9484 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(19, 90, 123) }
```

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

```
.border{ border-color:rgb(19, 90, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 90, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(19, 90, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(19, 90, 123); box-shadow:4px 4px 4px 4px rgb(19, 90, 123) }
```


Background

The CSS property to change the background color of an element to YUV 72.5330, 24.8802, -46.9484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 90, 123) }
```

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

```
.background{ background-color: rgb(19, 90,  
123) }
```

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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