

Converting Colors

YUV(64.2300, 14.6766, 5.9373)

Have a look what the booklet for
YUV(64.2300, 14.6766, 5.9373)
contains.

YUV(64.2300, 14.6766, 5.9373)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(64.2300, 14.6766,
5.9373)**

Conversions

Conversions Part 1

Format	Color
Hex	47375E
RGB	71, 55, 94
RGB Percent	28%, 22%, 37%
CMY	0.7216, 0.7843, 0.6314
CMYK	0.24, 0.41, 0.00, 0.63
HSL	265°, 26%, 29%
HSV	265°, 41%, 37%
XYZ	5.9851, 4.8801, 11.2162
YIQ	64.2300, -2.9830, 15.5210

Conversions

Conversions Part 2

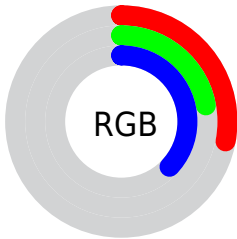
Format	Color
R_{YB}	71, 55, 94
Decimal	4667230
CIE Lab	26.39, 16.20, -20.67
CIE LCh	26, 26.262, 308.097
Yxy	4.8801, 0.2710, 0.2210
Android (android.graphics.Color)	4282857310 (0xFF47375E)
YUV	64.2300, 14.6766, 5.9373
Hunter-Lab	22.0910, 9.7017, -14.6394

Details

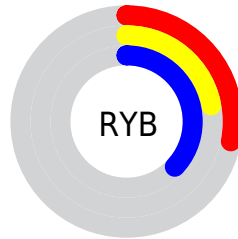
The YUV color **64.2300, 14.6766, 5.9373** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **84.7700, -14.6766, -5.9373**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.2840, 16.1290, 6.7669**, and **20.8770, 13.3716, 4.4929** is the 20% darker color. If you saturate the color by 10%, you get **57.1530, 18.1656, 6.8818**, and if you desaturate by 10%, it is **71.3070, 11.1876, 4.9928**.

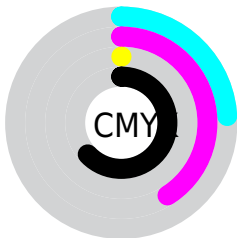
Distribution



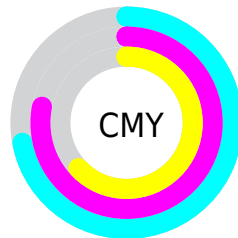
- Red (28%)
- Green (22%)
- Blue (37%)



- Red (28%)
- Yellow (22%)
- Blue (37%)



- Cyan (24%)
- Magenta (41%)
- Yellow (0%)
- Black (63%)



- Cyan (72%)
- Magenta (78%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.2300, 14.6766, 5.9373 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 64.2300, 14.6766, 5.9373 by changing the saturation by 10% instead.

64.2300, 14.6766,
5.9373

64.2300, 14.6766,
5.9373

255.0000, 0.0000,
0.0000

41.7030, 13.9504,
5.5225

112.2840, 16.1290,
6.7669

20.8770, 13.3716,
4.4929

137.6970, 16.4184,
7.2817

3.6650, 11.5042,
-3.2142

164.2240, 17.1446,
7.6966

0.0000, 0.0000,
0.0000

191.6370, 17.4340,
8.2114

219.6370, 17.4340,
8.2114

243.8470, 5.4984,

9.7812

■ 64.2300, 14.6766,
5.9373

■ 64.2300, 14.6766,
5.9373

■ 57.1530, 18.1656,
6.8818

■ 71.3070, 11.1876,
4.9928

■ 49.7880, 21.7965,
8.9559

■ 78.6720, 7.5567,
2.9187

■ 42.7110, 25.2855,
9.9005

■ 85.7490, 4.0677,
1.9741

■ 35.3460, 28.9164,
11.9746

■ 93.1140, 0.4368,
-0.1000

■ 28.2690, 32.4054,
12.9191

■ 100.1910, -3.0522,
-1.0445

■ 22.3770, 35.3101,
14.5784

■ 106.9690, -6.3937,
-2.6038

■ 114.6330,
-10.1721, -4.0631

■ 121.4110,
-13.5136, -5.6224

■ 129.0750,
-17.2920, -7.0818

Harmonies

Analogous

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



59.6720, 20.8677, -19.8833



64.2300, 14.6766, 5.9373



64.2770, 6.7654, 23.4361

Triad

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



64.2300, 14.6766, 5.9373



61.4360, -17.9629, 21.5426



50.4890, 8.1399, -44.2789

Complementary

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



64.2300, 14.6766, 5.9373



84.7700, -14.6766, -5.9373

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.



52.1180, -2.5232, -30.7985



64.2300, 14.6766, 5.9373



60.0060, -19.2300, 7.8877

Square

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



64.2300, 14.6766, 5.9373



62.2120, -11.4435, 30.5091



57.3890, -13.5028, -9.1112



52.1820, 17.1653, -45.7636

Rectangle

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



64.2300, 14.6766, 5.9373



63.1270, 0.9234, 30.5836



57.3890, -13.5028, -9.1112



49.1040, 5.3717, -43.0642

Sweetspot

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



64.2300, 14.6766, 5.9373



111.3900, 5.2307, 2.2890



72.9470, 10.3791, -15.7395



54.8090, 3.0522, 1.0445



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



64.2300, 14.6766, 5.9373



75.4290, 22.9595, 9.2708



69.9110, 11.8759, 17.6181



42.1680, 1.8892, 0.7297



25.9950, 41.4145, 16.6674



56.0210, 89.2226, 35.9386

Inverse Universe

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



69.2830, 4.2975, 21.6768



83.3430, 6.7329, 33.9022



79.0890, -11.8759, -17.6181



42.8370, 0.5734, 2.7740



40.3000, 12.1771, 61.1269



86.8230, 26.2163, 131.7052

Previews

White Background



This preview shows how the YUV color 64.2300, 14.6766, 5.9373 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 64.2300, 14.6766, 5.9373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

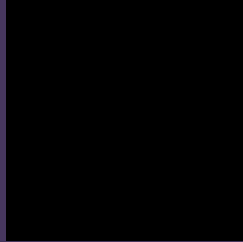
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.2300, 14.6766, 5.9373

Background



This preview shows how black text looks on a background with the YUV color 64.2300, 14.6766, 5.9373.



This preview shows how white text looks on a background with the YUV color 64.2300, 14.6766,

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

64.2300, 14.6766, 5.9373

Protanopia

61.5590, 18.9514, -11.8912

Deuteranopia

61.9460, 15.3096, -10.4766



Tritanopia

63.0650, 1.4470, 2.5740

Trichromacy



Original Color

64.2300, 14.6766, 5.9373

Protanomaly

62.5490, 17.4773, -5.7435

Deuteranomaly

62.5770, 14.9985, -4.0140

Tritanomaly

63.6290, 6.0989, 3.8334

Monochromacy



Original Color

64.2300, 14.6766, 5.9373

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.3900, 5.2307, 2.2890

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.2300, 14.6766, 5.9373 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(71, 55, 94)` looks like.

```
.text, #text, p{  
    color:rgb(71, 55, 94)  
}
```

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(71, 55, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 55, 94) }
```

Border

The CSS property to change the border of an element to YUV 64.2300, 14.6766, 5.9373 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(71, 55, 94) }
```


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

```
.border{ border-color:rgb(71, 55, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 55, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 55, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 55, 94);  
box-shadow:4px 4px 4px 4px rgb(71, 55, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.2300, 14.6766, 5.9373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 55, 94) }
```

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

```
.background{ background-color: rgb(71, 55,  
94) }
```

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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