

Converting Colors

YUV(73.4260, 14.0870, 8.3964)

Have a look what the booklet for
YUV(73.4260, 14.0870, 8.3964)
contains.

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Color

**YUV(73.4260, 14.0870,
8.3964)**

Conversions

Conversions Part 1

Format	Color
Hex	533F66
RGB	83, 63, 102
RGB Percent	33%, 25%, 40%
CMY	0.6745, 0.7529, 0.6000
CMYK	0.19, 0.38, 0.00, 0.60
HSL	271°, 24%, 32%
HSV	271°, 38%, 40%
XYZ	7.7431, 6.3533, 13.3886
YIQ	73.4260, -0.5990, 16.3690

Conversions

Conversions Part 2

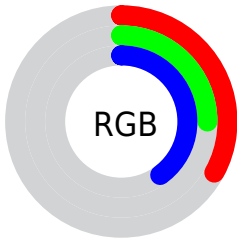
Format	Color
R_YB	83, 63, 102
Decimal	5455718
CIE _{Lab}	30.29, 17.24, -19.65
CIE _{LCh}	30, 26.139, 311.262
Yxy	6.3533, 0.2817, 0.2312
Android (android.graphics.Color)	4283645798 (0xFF533F66)
YUV	73.4260, 14.0870, 8.3964
Hunter-Lab	25.2058, 10.7239, -13.8491

Details

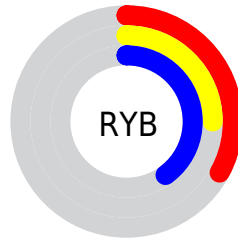
The YUV color **73.4260, 14.0870, 8.3964** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **91.5740, -14.0870, -8.3964**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.3660, 15.1026, 9.3260**, and **29.0730, 12.7820, 6.9520** is the 20% darker color. If you saturate the color by 10%, you get **66.0610, 17.7179, 10.4705**, and if you desaturate by 10%, it is **80.7910, 10.4560, 6.3223**.

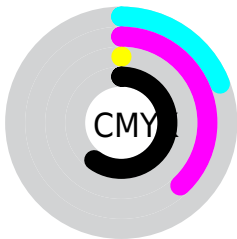
Distribution



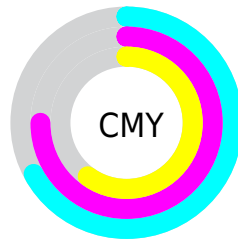
- Red (33%)
- Green (25%)
- Blue (40%)



- Red (33%)
- Yellow (25%)
- Blue (40%)



- Cyan (19%)
- Magenta (38%)
- Yellow (0%)
- Black (60%)



- Cyan (67%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.4260, 14.0870, 8.3964 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 73.4260, 14.0870, 8.3964 by changing the saturation by 10% instead.

73.4260, 14.0870,
8.3964

73.4260, 14.0870,
8.3964

255.0000, 0.0000,
0.0000

50.6000, 13.5082,
7.3668

122.3660, 15.1026,
9.3260

29.0730, 12.7820,
6.9520

148.1920, 15.6813,
10.3556

9.5570, 12.0504,
8.2815

175.3060, 16.1181,
10.2556

0.7980, 3.0576,
-0.6998

202.7190, 16.4075,
10.7704

0.0000, 0.0000,
0.0000

229.6930, 12.4764,
11.6702

249.7170, 2.6045,

4.6332

■ 73.4260, 14.0870,
8.3964

■ 73.4260, 14.0870,
8.3964

■ 66.0610, 17.7179,
10.4705

■ 80.7910, 10.4560,
6.3223

■ 58.6960, 21.3489,
12.5446

■ 88.1560, 6.8251,
4.2482

■ 50.7440, 25.2692,
15.1335

■ 96.1080, 2.9048,
1.6593

■ 43.3790, 28.9002,
17.2076

■ 103.4730, -0.7262,
-0.4148

■ 36.0140, 32.5311,
19.2817

■ 110.8380, -4.3571,
-2.4889

■ 28.6490, 36.1620,
21.3558

■ 118.2030, -7.9881,
-4.5630

■ 27.1760, 36.8882,
21.7706

■ 125.5680,
-11.6190, -6.6371

■ 133.5200,
-15.5394, -9.2260

■ 140.8850,
-19.1703, -11.3001

Harmonies

Analogous

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



69.8790, 20.2727, -15.6799



73.4260, 14.0870, 8.3964



73.0600, 5.8864, 25.3804

Triad

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



73.4260, 14.0870, 8.3964



70.6100, -18.5417, 20.5130



57.1400, 10.7770, -50.1118

Complementary

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



73.4260, 14.0870, 8.3964



91.5740, -14.0870, -8.3964

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.



61.3350, -1.6442, -32.7428



73.4260, 14.0870, 8.3964



68.9950, -19.2245, 6.1434

Square

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



73.4260, 14.0870, 8.3964



70.8700, -12.7539, 30.8090



66.4920, -13.0606, -10.9555



58.7190, 19.3655, -51.4966

Rectangle

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



73.4260, 14.0870, 8.3964



72.3830, -0.6818, 32.1131



66.4920, -13.0606, -10.9555



56.3420, 7.7194, -49.4119

Sweetspot

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



73.4260, 14.0870, 8.3964



121.8030, 5.5201, 2.8038



79.1860, 11.2473, -14.1951



60.1080, 2.9048, 1.6593



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



73.4260, 14.0870, 8.3964



88.2230, 22.0751, 12.9594



79.1070, 11.2862, 20.0772



47.4670, 1.7418, 1.3444



30.7510, 41.5348, 24.7744



64.6640, 87.4266, 52.0377

Inverse Universe

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



76.8270, 2.5503, 22.0767



93.5450, 3.6753, 34.6020



85.8930, -11.2862, -20.0772



47.7230, 0.1366, 2.8739



40.7690, 7.5089, 65.1006



85.8100, 15.8697, 136.9786

Previews

White Background



This preview shows how the YUV color 73.4260, 14.0870, 8.3964 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 73.4260, 14.0870, 8.3964 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 73.4260, 14.0870, 8.3964

Background



This preview shows how black text looks on a background with the YUV color 73.4260, 14.0870, 8.3964.

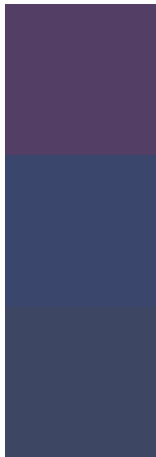


This preview shows how white text looks on a background with the YUV color 73.4260, 14.0870,

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

73.4260, 14.0870, 8.3964

Protanopia

70.7440, 18.3672, -11.1765

Deuteranopia

71.3160, 14.1412, -9.0471



Tritanopia

72.2610, 0.8573, 5.0331

Trichromacy



Original Color

73.4260, 14.0870, 8.3964

Protanomaly

71.4460, 17.0351, -3.8991

Deuteranomaly

72.0610, 14.2669, -2.6845

Tritanomaly

72.8250, 5.5093, 6.2925

Monochromacy



Original Color

73.4260, 14.0870, 8.3964

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.1020, 5.3727, 3.4185

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.4260, 14.0870, 8.3964 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(83, 63, 102)` looks like.

```
.text, #text, p{  
    color:rgb(83, 63, 102)  
}
```

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(83, 63, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 63, 102) }
```

Border

The CSS property to change the border of an element to YUV 73.4260, 14.0870, 8.3964 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(83, 63, 102) }
```


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

```
.border{ border-color:rgb(83, 63, 102) }
```

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

Here you see how a box with a 4 pixel rgb(83, 63, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 63, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 63, 102);  
box-shadow:4px 4px 4px 4px rgb(83, 63,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 73.4260, 14.0870, 8.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 63, 102) }
```

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

```
.background{ background-color: rgb(83, 63,  
102) }
```

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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