

Converting Colors

YUV(73.4040, 14.0978, 4.9077)

Have a look what the booklet for
YUV(73.4040, 14.0978, 4.9077)
contains.

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Color

**YUV(73.4040, 14.0978,
4.9077)**

Conversions

Conversions Part 1

Format	Color
Hex	4F4166
RGB	79, 65, 102
RGB Percent	31%, 25%, 40%
CMY	0.6902, 0.7451, 0.6000
CMYK	0.23, 0.36, 0.00, 0.60
HSL	263°, 22%, 33%
HSV	263°, 36%, 40%
XYZ	7.5130, 6.4022, 13.4101
YIQ	73.4040, -3.5330, 14.4750

Conversions

Conversions Part 2

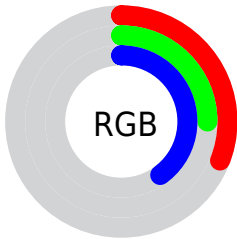
Format	Color
R_{YB}	79, 65, 102
Decimal	5194086
CIE _{Lab}	30.41, 14.56, -19.50
CIE _{LCh}	30, 24.335, 306.751
Yxy	6.4022, 0.2749, 0.2343
Android (android.graphics.Color)	4283384166 (0xFF4F4166)
YUV	73.4040, 14.0978, 4.9077
Hunter-Lab	25.3025, 8.7222, -13.7115




Details

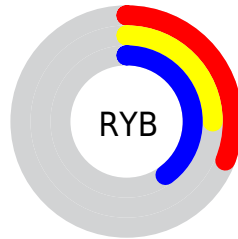
The YUV color **73.4040, 14.0978, 4.9077** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **93.5960, -14.0978, -4.9077**, and the grayscale version is **73.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **122.3440, 15.1134, 5.8373**, and **29.0510, 12.7929, 3.4633** is the 20% darker color. If you saturate the color by 10%, you get **65.7400, 17.8762, 6.3670**, and if you desaturate by 10%, it is **81.0680, 10.3195, 3.4484**.

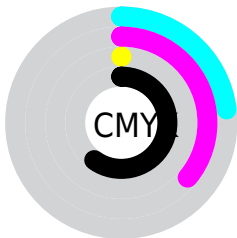
Distribution







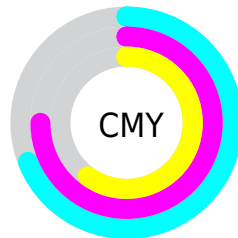
-  Red (31%)
-  Green (25%)
-  Blue (40%)






-  Red (31%)
-  Yellow (25%)
-  Blue (40%)



-  Cyan (23%)
-  Magenta (36%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (69%)
-  Magenta (75%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.4040, 14.0978, 4.9077 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 73.4040, 14.0978, 4.9077 by changing the saturation by 10% instead.

73.4040, 14.0978,
4.9077

73.4040, 14.0978,
4.9077

255.0000, 0.0000,
0.0000

50.8770, 13.3716,
4.4929

122.3440, 15.1134,
5.8373

29.0510, 12.7929,
3.4633

147.8710, 15.8396,
6.2521

8.3610, 12.6400,
5.8224

174.9850, 16.2764,
6.1522

0.7980, 3.0576,
-0.6998

202.3980, 16.5658,
6.6670

0.0000, 0.0000,
0.0000

229.3720, 12.6346,
7.5668

250.8910, 2.0257,

3.6036

■ 73.4040, 14.0978,
4.9077

■ 73.4040, 14.0978,
4.9077

■ 65.7400, 17.8762,
6.3670

■ 81.0680, 10.3195,
3.4484

■ 57.7770, 21.8019,
7.2116

■ 89.0310, 6.3937,
2.6038

■ 49.5260, 25.8697,
9.1857

■ 97.2820, 2.3260,
0.6297

■ 41.8620, 29.6480,
10.6450

■ 104.9460, -1.4524,
-0.8296

■ 33.8990, 33.5738,
11.4896

■ 112.9090, -5.3781,
-1.6742

■ 26.2350, 37.3521,
12.9489

■ 120.5730, -9.1565,
-3.1335

■ 23.2890, 38.8045,
13.7785

■ 128.2370,
-12.9348, -4.5928

■ 136.7870,
-17.1500, -5.9522

■ 144.4510,
-20.9283, -7.4115

Harmonies

Analogous

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



69.3410, 19.5519, -17.8391



73.4040, 14.0978, 4.9077



74.1520, 6.3341, 21.7917

Triad

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



73.4040, 14.0978, 4.9077



70.7780, -16.6526, 21.2427



56.0970, 9.3192, -49.1971

Complementary

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



73.4040, 14.0978, 4.9077



93.5960, -14.0978, -4.9077

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.



63.5100, -3.7024, -25.8803



73.4040, 14.0978, 4.9077



69.6470, -18.0670, 8.2026

Square

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



73.4040, 14.0978, 4.9077



72.0270, -10.8593, 29.7943



67.4000, -13.5082, -7.3668



58.2630, 17.6183, -51.0967

Rectangle

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



73.4040, 14.0978, 4.9077



73.0020, 0.4920, 28.9392



67.4000, -13.5082, -7.3668



57.8050, 5.5191, -43.6790

Sweetspot

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



73.4040, 14.0978, 4.9077



121.5040, 5.6675, 2.1890



82.7190, 9.5055, -15.5396



59.8090, 3.0522, 1.0445



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.



73.4040, 14.0978, 4.9077



87.3040, 22.5281, 7.6264



78.7860, 11.4445, 15.9737



47.1680, 1.8892, 0.7297



25.9670, 43.8933, 14.9379



55.0960, 92.1437, 32.3648

Inverse Universe

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



78.6850, 4.5923, 20.4473



95.8590, 7.4645, 32.5727



88.2140, -11.4445, -15.9737



47.8370, 0.5734, 2.7740



42.4790, 14.0609, 63.6009



89.5720, 30.2840, 133.6794

Previews

White Background



This preview shows how the YUV color 73.4040, 14.0978, 4.9077 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 73.4040, 14.0978, 4.9077 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 73.4040, 14.0978, 4.9077

Background



This preview shows how black text looks on a background with the YUV color 73.4040, 14.0978, 4.9077.



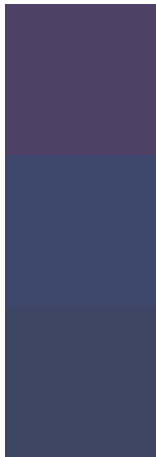
This preview shows how white text looks on a background with the YUV color 73.4040, 14.0978,

4.9077.

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

73.4040, 14.0978, 4.9077

Protanopia

71.8150, 17.3462, -10.3618

Deuteranopia

71.4300, 14.5780, -9.1471



Tritanopia

71.8800, 2.0312, 1.8592

Trichromacy



Original Color

73.4040, 14.0978, 4.9077

Protanomaly

72.5060, 16.0195, -4.8288

Deuteranomaly

72.3490, 14.1249, -3.8141

Tritanomaly

72.3300, 6.2463, 3.2186

Monochromacy



Original Color

73.4040, 14.0978, 4.9077

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.0910, 5.3781, 1.6742

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.4040, 14.0978, 4.9077 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(79, 65, 102)` looks like.

```
.text, #text, p{  
    color:rgb(79, 65, 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(79, 65, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 65, 102) }
```

Border

The CSS property to change the border of an element to YUV 73.4040, 14.0978, 4.9077 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(79, 65, 102) }
```


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

```
.border{ border-color:rgb(79, 65, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 65, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 65, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 65, 102);  
box-shadow:4px 4px 4px 4px rgb(79, 65,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 73.4040, 14.0978, 4.9077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 65, 102) }
```

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

```
.background{ background-color: rgb(79, 65,  
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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