

Converting Colors

YUV(63.9520, 19.7437, 14.0741)

Have a look what the booklet for
YUV(63.9520, 19.7437, 14.0741)
contains.

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Color

**YUV(63.9520, 19.7437,
14.0741)**

Conversions

Conversions Part 1

Format	Color
Hex	503068
RGB	80, 48, 104
RGB Percent	31%, 19%, 41%
CMY	0.6863, 0.8118, 0.5922
CMYK	0.23, 0.54, 0.00, 0.59
HSL	274°, 37%, 30%
HSV	274°, 54%, 41%
XYZ	6.8639, 4.8189, 13.6651
YIQ	63.9520, 1.0960, 24.2000

Conversions

Conversions Part 2

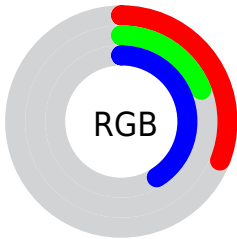
Format	Color
RYB	80, 48, 104
Decimal	5255272
CIELab	26.21, 26.27, -27.35
CIElCh	26, 37.923, 313.838
Yxy	4.8189, 0.2708, 0.1901
Android (android.graphics.Color)	4283445352 (0xFF503068)
YUV	63.9520, 19.7437, 14.0741
Hunter-Lab	21.9519, 17.3975, -21.5417




Details

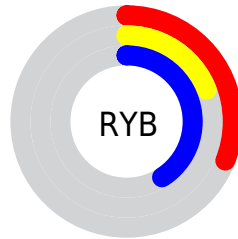
The YUV color **63.9520, 19.7437, 14.0741** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **88.0480, -19.7437, -14.0741**, and the grayscale version is **64.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **112.7180, 21.3380, 16.0333**, and **18.5990, 18.4387, 12.6297** is the 20% darker color. If you saturate the color by 10%, you get **56.8860, 23.2272, 16.7630**, and if you desaturate by 10%, it is **71.0180, 16.2601, 11.3852**.

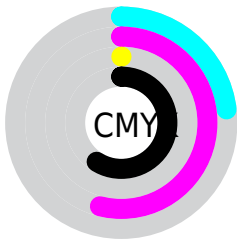
Distribution







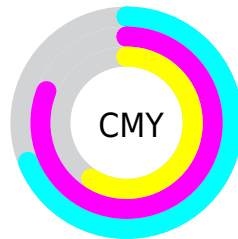
-  Red (31%)
-  Green (19%)
-  Blue (41%)






-  Red (31%)
-  Yellow (19%)
-  Blue (41%)



-  Cyan (23%)
-  Magenta (54%)
-  Yellow (0%)
-  Black (59%)



-  Cyan (69%)
-  Magenta (81%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.9520, 19.7437, 14.0741 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 63.9520, 19.7437, 14.0741 by changing the saturation by 10% instead.

63.9520, 19.7437,
14.0741

63.9520, 19.7437,
14.0741

255.0000, 0.0000,
0.0000

41.1260, 19.1649,
13.0445

112.7180, 21.3380,
16.0333

18.5990, 18.4387,
12.6297

138.2450, 22.0642,
16.4481

4.2890, 15.1405,
-2.8845

164.9570, 22.2062,
17.5777

1.0260, 3.9312,
-0.8998

192.4840, 22.9324,
17.9925

0.0000, 0.0000,
0.0000

219.1160, 17.6908,
19.1923

239.7380, 7.5242,

13.3848

■ 63.9520, 19.7437,
14.0741

■ 63.9520, 19.7437,
14.0741

■ 56.8860, 23.2272,
16.7630

■ 71.0180, 16.2601,
11.3852

■ 48.9340, 27.1475,
19.3519

■ 78.9700, 12.3398,
8.7963

■ 41.8680, 30.6311,
22.0408

■ 86.0360, 8.8563,
6.1074

■ 33.9160, 34.5514,
24.6297

■ 93.9880, 4.9359,
3.5185

■ 29.4970, 36.7300,
25.8741

■ 101.0540, 1.4524,
0.8296

■ 108.4190, -2.1786,
-1.2445

■ 116.0720, -5.9515,
-4.4481

■ 123.4370, -9.5824,
-6.5222

■ 131.0900,
-13.3554, -9.7259

Harmonies

Analogous

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



56.1360, 30.4990, -29.0603



63.9520, 19.7437, 14.0741



61.2450, 8.7532, 39.2501

Triad

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



63.9520, 19.7437, 14.0741



58.5970, -28.8883, 25.7864



52.5750, 11.0555, -46.1083

Complementary

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



63.9520, 19.7437, 14.0741



88.0480, -19.7437, -14.0741

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.



48.5680, -1.7590, -42.5941



63.9520, 19.7437, 14.0741



56.9920, -28.0971, 5.2690

Square

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



63.9520, 19.7437, 14.0741



58.9700, -17.7332, 41.2453



52.1720, -17.8328, -20.3218



55.0660, 23.1385, -48.2929

Rectangle

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



63.9520, 19.7437, 14.0741



59.4110, 0.2904, 46.9976



52.1720, -17.8328, -20.3218



51.4350, 6.6875, -45.1085

Sweetspot

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



63.9520, 19.7437, 14.0741



119.9820, 7.4039, 5.2778



68.4720, 17.5153, -17.9539



59.5750, 4.6465, 3.0037



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



63.9520, 19.7437, 14.0741



72.2810, 30.9205, 22.5556



70.6720, 14.4587, 29.2287



47.4670, 1.7418, 1.3444



32.8440, 40.5029, 29.0778



68.8500, 85.3629, 60.6446

Inverse Universe

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



67.4800, 2.2284, 32.0280



77.6440, 3.6265, 50.3012



81.3280, -14.4587, -29.2287



47.7230, 0.1366, 2.8739



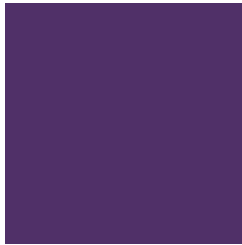
39.9710, 4.4513, 65.8004



84.2140, 9.7545, 138.3783

Previews

White Background



This preview shows how the YUV color 63.9520, 19.7437, 14.0741 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 63.9520, 19.7437, 14.0741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

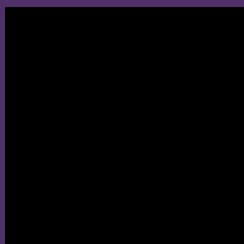
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.9520, 19.7437, 14.0741

Background



This preview shows how black text looks on a background with the YUV color 63.9520, 19.7437, 14.0741.



This preview shows how white text looks on a background with the YUV color 63.9520, 19.7437,

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

63.9520, 19.7437, 14.0741

Protanopia

58.8980, 28.1513, -22.7125

Deuteranopia

60.1560, 20.1361, -18.5538



Tritanopia

63.0550, -0.0271, 8.7218

Trichromacy



Original Color

63.9520, 19.7437, 14.0741

Protanomaly

60.5900, 25.3451, -9.2874

Deuteranomaly

61.8200, 19.8087, -6.8581

Tritanomaly

63.3140, 7.2402, 11.1256

Monochromacy



Original Color

63.9520, 19.7437, 14.0741

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9820, 7.4039, 5.2778

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.9520, 19.7437, 14.0741 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(80, 48, 104)` looks like.

```
.text, #text, p{  
    color:rgb(80, 48, 104)  
}
```

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(80, 48, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 48, 104) }
```

Border

The CSS property to change the border of an element to YUV 63.9520, 19.7437, 14.0741 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(80, 48, 104) }
```


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

```
.border{ border-color:rgb(80, 48, 104) }
```

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

Here you see how a box with a 4 pixel rgb(80, 48, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 48, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 48, 104);  
box-shadow:4px 4px 4px 4px rgb(80, 48,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 63.9520, 19.7437, 14.0741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 48, 104) }
```

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

```
.background{ background-color: rgb(80, 48,  
104) }
```

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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