

Converting Colors

YUV(61.6220, 13.4974, 10.8555)

Have a look what the booklet for
YUV(61.6220, 13.4974, 10.8555)
contains.

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Color

**YUV(61.6220, 13.4974,
10.8555)**

Conversions

Conversions Part 1

Format	Color
Hex	4A3259
RGB	74, 50, 89
RGB Percent	29%, 20%, 35%
CMY	0.7098, 0.8039, 0.6510
CMYK	0.17, 0.44, 0.00, 0.65
HSL	277°, 28%, 27%
HSV	277°, 44%, 35%
XYZ	5.7678, 4.4583, 10.0077
YIQ	61.6220, 1.7850, 17.2170

Conversions

Conversions Part 2

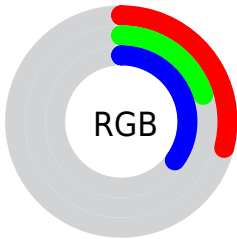
Format	Color
R_{YB}	74, 50, 89
Decimal	4862553
CIE _{Lab}	25.13, 19.19, -19.34
CIE _{LCh}	25, 27.246, 314.776
Yxy	4.4583, 0.2851, 0.2203
Android (android.graphics.Color)	4283052633 (0xFF4A3259)
YUV	61.6220, 13.4974, 10.8555
Hunter-Lab	21.1147, 11.8092, -13.3213

Details

The YUV color **61.6220, 13.4974, 10.8555** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **77.3780, -13.4974, -10.8555**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.8610, 14.3655, 12.3999**, and **17.0950, 12.7712, 10.4407** is the 20% darker color. If you saturate the color by 10%, you get **55.4420, 16.5441, 13.6444**, and if you desaturate by 10%, it is **67.8020, 10.4506, 8.0666**.

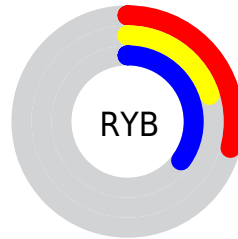
Distribution



 Red (29%)

 Green (20%)

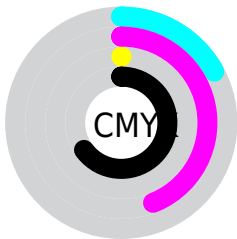
 Blue (35%)



 Red (29%)

 Yellow (20%)

 Blue (35%)

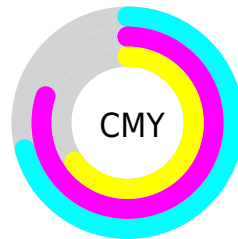


 Cyan (17%)

 Magenta (44%)

 Yellow (0%)

 Black (65%)



 Cyan (71%)

 Magenta (80%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.6220, 13.4974, 10.8555 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 61.6220, 13.4974, 10.8555 by changing the saturation by 10% instead.

■ 61.6220, 13.4974,
10.8555

■ 61.6220, 13.4974,
10.8555

■ 255.0000, 0.0000,
0.0000

■ 39.0950, 12.7712,
10.4407

■ 109.8610, 14.3655,
12.3999

■ 17.0950, 12.7712,
10.4407

■ 135.3880, 15.0917,
12.8147

■ 3.0950, 9.3202,
-2.7143

■ 161.8010, 15.3811,
13.3295

■ 0.0000, 0.0000,
0.0000

■ 188.3280, 16.1073,
13.7443

■ 216.3280, 16.1073,
13.7443

■ 240.3250, 7.2348,

12.8700

■ 61.6220, 13.4974,
10.8555

■ 61.6220, 13.4974,
10.8555

■ 55.4420, 16.5441,
13.6444

■ 67.8020, 10.4506,
8.0666

■ 48.9630, 19.7382,
15.8184

■ 74.2810, 7.2565,
5.8926

■ 42.7830, 22.7850,
18.6073

■ 80.4610, 4.2097,
3.1037

■ 36.3040, 25.9791,
20.7814

■ 86.9400, 1.0156,
0.9296

■ 30.7110, 28.7365,
23.0555

■ 93.1200, -2.0312,
-1.8592

■ 26.5910, 30.7676,
24.9147

■ 99.0120, -4.9359,
-3.5185

■ 105.1920, -7.9827,
-6.3074

■ 111.3720,
-11.0294, -9.0962

■ 117.8510,
-14.2235, -11.2703

Harmonies

Analogous

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



57.8900, 20.2672, -13.9355



61.6220, 13.4974, 10.8555



60.8430, 5.0074, 27.3247

Triad

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



61.6220, 13.4974, 10.8555



58.3710, -19.4099, 18.9686



48.9560, 9.8817, -42.9344

Complementary

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



61.6220, 13.4974, 10.8555



77.3780, -13.4974, -10.8555

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.



45.9750, 0.9983, -40.3201



61.6220, 13.4974, 10.8555



56.5710, -19.5085, 3.8842

Square

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



61.6220, 13.4974, 10.8555



58.9300, -13.7695, 29.8794



53.4100, -12.0341, -13.5146



50.5350, 18.4702, -44.3192

Rectangle

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



61.6220, 13.4974, 10.8555



59.5680, -1.2660, 32.8279



53.4100, -12.0341, -13.5146



48.1580, 6.8241, -42.2346

Sweetspot

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



61.6220, 13.4974, 10.8555



104.4010, 5.2253, 4.0333



63.8380, 12.4049, -12.1359



51.9340, 3.4835, 2.6889



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



61.6220, 13.4974, 10.8555



72.0170, 21.1906, 16.6481



65.6510, 9.5391, 20.4771



40.3530, 1.3050, 1.4444



31.9320, 37.0085, 29.8776



69.8460, 81.4209, 65.0331

Inverse Universe

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



63.3710, 0.8031, 22.4766



74.8610, 1.0545, 35.2019



73.3490, -9.5391, -20.4771



40.4240, 0.2840, 2.2592



36.6670, 2.1362, 61.6820



80.5250, 4.6712, 135.4746

Previews

White Background



This preview shows how the YUV color 61.6220, 13.4974, 10.8555 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 61.6220, 13.4974, 10.8555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

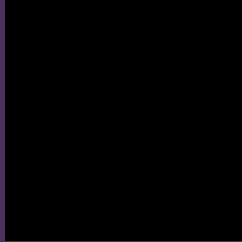
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.6220, 13.4974, 10.8555

Background



This preview shows how black text looks on a background with the YUV color 61.6220, 13.4974, 10.8555.



This preview shows how white text looks on a background with the YUV color 61.6220, 13.4974,

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

61.6220, 13.4974, 10.8555

Protanopia

59.0320, 18.2252, -12.3061

Deuteranopia

59.2020, 13.7044, -8.9472



Tritanopia

60.7560, 0.1203, 8.1070

Trichromacy



Original Color

61.6220, 13.4974, 10.8555

Protanomaly

60.2180, 16.1615, -3.6992

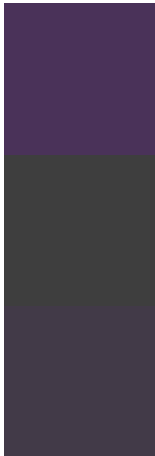
Deuteranomaly

60.2460, 13.6827, -1.9697

Tritanomaly

61.0210, 4.9196, 8.7516

Monochromacy



Original Color

61.6220, 13.4974, 10.8555

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9880, 4.9359, 3.5185

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.6220, 13.4974, 10.8555 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(74, 50, 89)` looks like.

```
.text, #text, p{  
    color:rgb(74, 50, 89)  
}
```

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(74, 50, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 50, 89) }
```

Border

The CSS property to change the border of an element to YUV 61.6220, 13.4974, 10.8555 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(74, 50, 89) }
```


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

```
.border{ border-color:rgb(74, 50, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 50, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 50, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 50, 89);  
box-shadow:4px 4px 4px 4px rgb(74, 50, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.6220, 13.4974, 10.8555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 50, 89) }
```

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

```
.background{ background-color: rgb(74, 50,  
89) }
```

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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