

Converting Colors

YUV(62.4640, 13.0822, 3.9781)

Have a look what the booklet for
YUV(62.4640, 13.0822, 3.9781)
contains.

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Color

**YUV(62.4640, 13.0822,
3.9781)**

Conversions

Conversions Part 1	
Format	Color
Hex	433759
RGB	67, 55, 89
RGB Percent	26%, 22%, 35%
CMY	0.7373, 0.7843, 0.6510
CMYK	0.25, 0.38, 0.00, 0.65
HSL	261°, 24%, 28%
HSV	261°, 38%, 35%
XYZ	5.4841, 4.6469, 10.0591
YIQ	62.4640, -3.7620, 13.1180

Conversions

Conversions Part 2

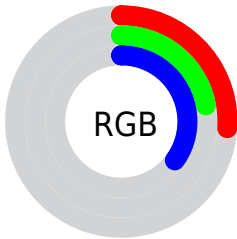
Format	Color
RYB	67, 55, 89
Decimal	4405081
CIELab	25.70, 13.45, -18.51
CIELCh	26, 22.879, 306.002
Yxy	4.6469, 0.2716, 0.2302
Android (android.graphics.Color)	4282595161 (0xFF433759)
YUV	62.4640, 13.0822, 3.9781
Hunter-Lab	21.5568, 7.6866, -12.5770

Details

The YUV color **62.4640, 13.0822, 3.9781** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **81.5360, -13.0822, -3.9781**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.4040, 14.0978, 4.9077**, and **18.8230, 11.9193, 3.6632** is the 20% darker color. If you saturate the color by 10%, you get **55.3870, 16.5712, 4.9226**, and if you desaturate by 10%, it is **69.5410, 9.5933, 3.0335**.

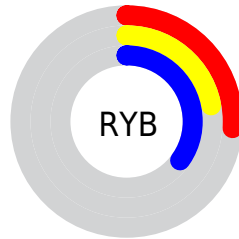
Distribution



Red (26%)

Green (22%)

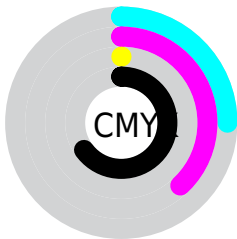
Blue (35%)



Red (26%)

Yellow (22%)

Blue (35%)

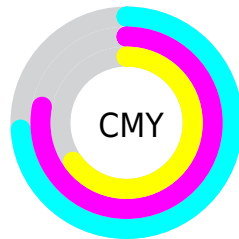


Cyan (25%)

Magenta (38%)

Yellow (0%)

Black (65%)



Cyan (74%)


Magenta (78%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 62.4640, 13.0822, 3.9781 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 62.4640, 13.0822, 3.9781 by changing the saturation by 10% instead.


 62.4640, 13.0822,
3.9781


 62.4640, 13.0822,
3.9781


255.0000, 0.0000,
0.0000


 39.9370, 12.3561,
3.5633


 110.4040, 14.0978,
4.9077


 18.8230, 11.9193,
3.6632


 135.9310, 14.8240,
5.3225

 3.0950, 9.3202,
-2.7143

 162.0450, 15.2608,
5.2225

 0.0000, 0.0000,
0.0000

 189.4580, 15.5502,
5.7373

 216.8710, 15.8396,
6.2521

 242.9500, 5.9407,

7.9369

■ 62.4640, 13.0822,
3.9781

■ 62.4640, 13.0822,
3.9781

■ 55.3870, 16.5712,
4.9226

■ 69.5410, 9.5933,
3.0335

■ 48.3100, 20.0602,
5.8671

■ 76.6180, 6.1043,
2.0890

■ 41.5320, 23.4017,
7.4264

■ 83.3960, 2.7628,
0.5297

■ 34.4550, 26.8907,
8.3710

■ 90.4730, -0.7262,
-0.4148

■ 27.9650, 30.0903,
8.8007

■ 96.9630, -3.9258,
-0.8446

■ 20.8880, 33.5792,
9.7452

■ 104.0400, -7.4147,
-1.7891

■ 19.4150, 34.3054,
10.1600

■ 110.8180,
-10.7563, -3.3484

■ 117.8950,
-14.2452, -4.2929

■ 124.9720,
-17.7342, -5.2374

Harmonies

Analogous

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



58.8850, 17.8047, -17.4391



62.4640, 13.0822, 3.9781



62.7280, 6.0501, 19.5325

Triad

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



62.4640, 13.0822, 3.9781



60.4080, -15.4841, 19.8132



48.3860, 7.6977, -42.4345

Complementary

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



62.4640, 13.0822, 3.9781



81.5360, -13.0822, -3.9781

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.



53.8200, -3.8553, -23.5211



62.4640, 13.0822, 3.9781



58.9890, -16.7566, 7.9026

Square

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



62.4640, 13.0822, 3.9781



60.9450, -9.8329, 27.2352



57.3400, -12.4926, -6.4372



49.7370, 15.4127, -43.6193

Rectangle

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



62.4640, 13.0822, 3.9781



62.3930, 0.7923, 25.9653



57.3400, -12.4926, -6.4372



48.0010, 4.9295, -41.2199

Sweetspot

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



62.4640, 13.0822, 3.9781



104.9770, 4.9413, 1.7742



71.7900, 8.4845, -14.7248



52.8090, 3.0522, 1.0445



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.



62.4640, 13.0822, 3.9781



73.7230, 20.3496, 6.3819



67.5470, 10.5763, 14.4293



40.0540, 1.4524, 0.8296



23.5600, 41.1359, 12.6639



51.6070, 90.4127, 27.5317

Inverse Universe

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



67.6740, 4.5977, 18.7029



81.7230, 7.0386, 29.1839



76.4530, -10.5763, -14.4293



40.5380, 0.7208, 2.1592



39.8590, 14.3665, 58.8827



87.5930, 31.7527, 129.2759

Previews

White Background



This preview shows how the YUV color 62.4640, 13.0822, 3.9781 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 62.4640, 13.0822, 3.9781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

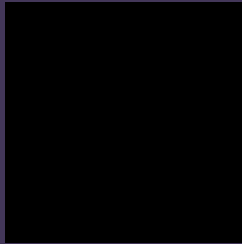
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.4640, 13.0822, 3.9781

Background



This preview shows how black text looks on a background with the YUV color 62.4640, 13.0822, 3.9781.



This preview shows how white text looks on a background with the YUV color 62.4640, 13.0822,

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

62.4640, 13.0822, 3.9781

Protanopia

60.4730, 16.0358, -10.0618

Deuteranopia

60.2020, 13.7044, -8.9472



Tritanopia

61.4670, 1.7418, 1.3444

Trichromacy



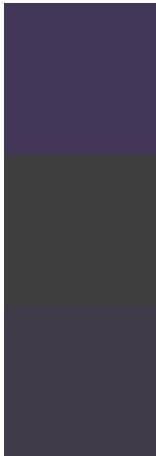
Original Color
62.4640, 13.0822, 3.9781

Protanomaly
61.2780, 15.1459, -4.6288

Deuteranomaly
60.8220, 13.3988, -4.2289

Tritanomaly
61.6180, 6.1043, 2.0890

Monochromacy



Original Color
62.4640, 13.0822, 3.9781

Achromatopsia
62.0000, 0.0000, 0.0000

Achromatomaly
61.9770, 4.9413, 1.7742

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.4640, 13.0822, 3.9781 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(67, 55, 89)` looks like.

```
.text, #text, p{  
    color:rgb(67, 55, 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(67, 55, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 55, 89) }
```

Border

The CSS property to change the border of an element to YUV 62.4640, 13.0822, 3.9781 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(67, 55, 89) }
```


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

```
.border{ border-color:rgb(67, 55, 89) }
```

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

Here you see how a box with a 4 pixel rgb(67, 55, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 55, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 55, 89);  
box-shadow:4px 4px 4px 4px rgb(67, 55, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.4640, 13.0822, 3.9781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 55, 89) }
```

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

```
.background{ background-color: rgb(67, 55,  
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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