

Converting Colors

YUV(62.5860, 24.8541, 8.2561)

Have a look what the booklet for
YUV(62.5860, 24.8541, 8.2561)
contains.

YUV(62.5860, 24.8541, 8.2561)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(62.5860, 24.8541,
8.2561)**

Conversions

Conversions Part 1

Format	Color
Hex	483071
RGB	72, 48, 113
RGB Percent	28%, 19%, 44%
CMY	0.7176, 0.8118, 0.5569
CMYK	0.36, 0.58, 0.00, 0.56
HSL	262°, 40%, 32%
HSV	262°, 58%, 44%
XYZ	6.7101, 4.6839, 16.1732
YIQ	62.5860, -6.5610, 25.3030

Conversions

Conversions Part 2

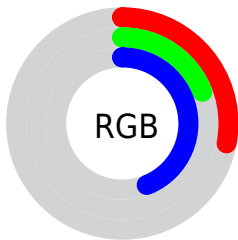
Format	Color
R_{YB}	72, 48, 113
Decimal	4730993
CIE _{Lab}	25.81, 26.41, -33.83
CIE _{LCh}	26, 42.917, 307.986
Yxy	4.6839, 0.2434, 0.1699
Android (android.graphics.Color)	4282921073 (0xFF483071)
YUV	62.5860, 24.8541, 8.2561
Hunter-Lab	21.6423, 17.4691, -29.1577




Details

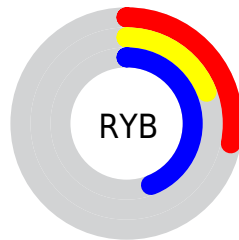
The YUV color **62.5860, 24.8541, 8.2561** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **98.4140, -24.8541, -8.2561**, and the grayscale version is **62.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **111.3520, 26.4485, 10.2153**, and **16.5210, 23.4071, 5.6821** is the 20% darker color. If you saturate the color by 10%, you get **54.0360, 29.0693, 9.6154**, and if you desaturate by 10%, it is **71.1360, 20.6390, 6.8967**.

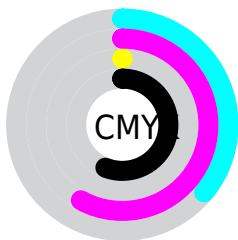
Distribution







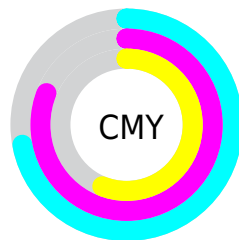
-  Red (28%)
-  Green (19%)
-  Blue (44%)






-  Red (28%)
-  Yellow (19%)
-  Blue (44%)



-  Cyan (36%)
-  Magenta (58%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (72%)
-  Magenta (81%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.5860, 24.8541, 8.2561 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 62.5860, 24.8541, 8.2561 by changing the saturation by 10% instead.

62.5860, 24.8541,
8.2561

62.5860, 24.8541,
8.2561

255.0000, 0.0000,
0.0000

39.3470, 23.9859,
6.7117

111.3520, 26.4485,
10.2153

16.5210, 23.4071,
5.6821

137.2920, 27.4640,
11.1449

4.7880, 18.3455,
-4.1991

163.8190, 28.1902,
11.5597

2.8670, 8.4466,
-2.5144

191.2320, 28.4796,
12.0745

0.0000, 0.0000,
0.0000

216.4360, 19.0121,
15.4036

239.1510, 7.8136,

13.8996

■ 62.5860, 24.8541,
8.2561

■ 62.5860, 24.8541,
8.2561

■ 54.0360, 29.0693,
9.6154

■ 71.1360, 20.6390,
6.8967

■ 44.8990, 33.5738,
11.4896

■ 80.2730, 16.1344,
5.0226

■ 36.3490, 37.7889,
12.8489

■ 88.8230, 11.9193,
3.6632

■ 27.5000, 42.1515,
13.5935

■ 97.6720, 7.5567,
2.9187

■ 25.4400, 43.1671,
14.5231

■ 106.8090, 3.0522,
1.0445

■ 115.3590, -1.1630,
-0.3148

■ 123.9090, -5.3781,
-1.6742

■ 132.4590, -9.5933,
-3.0335

■ 141.5960,
-14.0978, -4.9077

Harmonies

Analogous

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



50.7580, 37.0943, -44.5148



62.5860, 24.8541, 8.2561



59.1080, 13.2578, 41.1243

Triad

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



62.5860, 24.8541, 8.2561



57.4560, -28.3258, 32.0491



51.8910, 8.4347, -45.5084

Complementary

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



62.5860, 24.8541, 8.2561



98.4140, -24.8541, -8.2561

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.



47.4280, -6.1270, -41.5944



62.5860, 24.8541, 8.2561



56.7260, -27.9659, 9.8873

Square

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



62.5860, 24.8541, 8.2561



56.0680, -16.3025, 49.0524



50.3590, -24.8270, -16.9778



55.5390, 22.4123, -48.7077

Rectangle

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



62.5860, 24.8541, 8.2561



55.0080, 4.9261, 53.4900



50.3590, -24.8270, -16.9778



50.6370, 3.6300, -44.4086

Sweetspot

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



62.5860, 24.8541, 8.2561



128.5410, 9.5933, 3.0335



79.4770, 16.5268, -27.6053



62.5040, 5.6675, 2.1890



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



62.5860, 24.8541, 8.2561



68.9900, 38.9519, 13.1638



72.1540, 20.1371, 27.9289



51.5810, 2.1786, 1.2445



26.8360, 45.9299, 15.0528



55.3670, 94.4751, 31.2501

Inverse Universe

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



72.1090, 8.3273, 35.8614



83.7940, 12.9196, 56.3087



88.8460, -20.1371, -27.9289



52.2500, 0.8628, 3.2888



44.5440, 15.5078, 66.1749



91.6370, 31.7310, 136.2534

Previews

White Background



This preview shows how the YUV color 62.5860, 24.8541, 8.2561 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 62.5860, 24.8541, 8.2561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

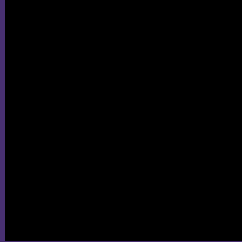
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.5860, 24.8541, 8.2561

Background



This preview shows how black text looks on a background with the YUV color 62.5860, 24.8541, 8.2561.



This preview shows how white text looks on a background with the YUV color 62.5860, 24.8541, 8.2561.

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

62.5860, 24.8541, 8.2561

Protanopia

52.4710, 35.7568, -35.4931

Deuteranopia

53.1200, 28.0418, -34.3082



Tritanopia

61.8690, 2.0366, 0.1149

Trichromacy



Original Color

62.5860, 24.8541, 8.2561

Protanomaly

56.2450, 31.9242, -19.5089

Deuteranomaly

56.5780, 26.8300, -18.9239

Tritanomaly

62.0680, 10.3195, 3.4484

Monochromacy



Original Color

62.5860, 24.8541, 8.2561

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0140, 8.8671, 2.6187

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.5860, 24.8541, 8.2561 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(72, 48, 113)` looks like.

```
.text, #text, p{  
  color:rgb(72, 48, 113)  
}
```

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(72, 48, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 48, 113) }
```

Border

The CSS property to change the border of an element to YUV 62.5860, 24.8541, 8.2561 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(72, 48, 113) }
```


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

```
.border{ border-color:rgb(72, 48, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 48, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 48, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 48, 113);  
box-shadow:4px 4px 4px 4px rgb(72, 48,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 62.5860, 24.8541, 8.2561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 48, 113) }
```

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

```
.background{ background-color: rgb(72, 48,  
113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor