

Converting Colors

YUV(62.3070, 24.9916, 57.6128)

Have a look what the booklet for
YUV(62.3070, 24.9916, 57.6128)
contains.

YUV(62.3070, 24.9916, 57.6128)	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(62.3070, 24.9916,
57.6128)**

Conversions

Conversions Part 1

Format	Color
Hex	801371
RGB	128, 19, 113
RGB Percent	50%, 7%, 44%
CMY	0.4980, 0.9255, 0.5569
CMYK	0.00, 0.85, 0.12, 0.50
HSL	308°, 74%, 29%
HSV	308°, 85%, 50%
XYZ	12.1156, 6.2472, 16.1900
YIQ	62.3070, 34.7900, 52.3420

Conversions

Conversions Part 2

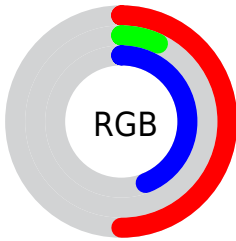
Format	Color
R_{YB}	128, 19, 113
Decimal	8393585
CIE _{Lab}	30.03, 53.24, -26.60
CIE _{LCh}	30, 59.514, 333.454
Yxy	6.2472, 0.3506, 0.1808
Android (android.graphics.Color)	4286583665 (0xFF801371)
YUV	62.3070, 24.9916, 57.6128
Hunter-Lab	24.9944, 42.7846, -20.9089

Details

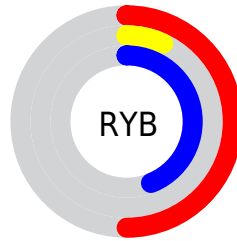
The YUV color **62.3070, 24.9916, 57.6128** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **84.6930, -24.9916, -57.6128**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.1990, 22.0869, 55.9535**, and **29.5360, 17.4838, 38.9949** is the 20% darker color. If you saturate the color by 10%, you get **54.4480, 27.8801, 64.5051**, and if you desaturate by 10%, it is **70.1660, 22.1032, 50.7204**.

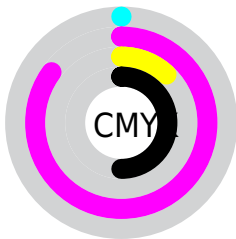
Distribution



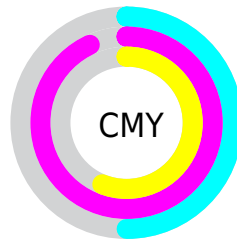
- Red (50%)
- Green (7%)
- Blue (44%)



- Red (50%)
- Yellow (7%)
- Blue (44%)



- Cyan (0%)
- Magenta (85%)
- Yellow (12%)
- Black (50%)



- Cyan (50%)
- Magenta (93%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.3070, 24.9916, 57.6128 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 62.3070, 24.9916, 57.6128 by changing the saturation by 10% instead.

62.3070, 24.9916,
57.6128

62.3070, 24.9916,
57.6128

255.0000, 0.0000,
0.0000

40.2310, 23.5501,
53.2944

120.1990, 22.0869,
55.9535

29.5360, 17.4838,
38.9949

147.7970, 21.7921,
57.1830

20.4500, 11.1172,
27.6694

175.5090, 21.9341,
58.3126

6.7650, 6.5249,
7.2221


198.5510, 24.8714,
49.5058


0.0000, 0.0000,
0.0000


215.6710, 19.3892,
34.4915


232.6940, 10.9969,


19.5624


 249.7170, 2.6045,
4.6332


 62.3070, 24.9916,
57.6128


 62.3070, 24.9916,
57.6128


 54.4480, 27.8801,
64.5051


 70.1660, 22.1032,
50.7204

 50.8120, 29.1797,
67.6939

 78.0250, 19.2147,
43.8281

 85.1830, 16.1788,
37.5505

 93.0420, 13.2903,
30.6582

 100.9010, 10.4018,
23.7658

■ 108.7600, 7.5133,
16.8735

■ 116.5050, 4.1880,
10.0811

■ 123.7770, 1.5889,
3.7036

■ 131.6360, -1.2995,
-3.1888

Harmonies

Analogous

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



70.5000, 38.7005, 0.4385



62.3070, 24.9916, 57.6128



52.0040, 7.8860, 84.1885

Triad

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



62.3070, 24.9916, 57.6128



66.4940, -32.7815, 14.4758



66.0370, 27.0968, -57.9144

Complementary

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



62.3070, 24.9916, 57.6128



84.6930, -24.9916, -57.6128

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.



60.7930, 7.0041, -53.3155



62.3070, 24.9916, 57.6128



58.0010, -28.5945, -21.9259

Square

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



62.3070, 24.9916, 57.6128



65.5180, -32.3004, 46.9037



53.9190, -14.2571, -47.2870



68.0380, 42.3793, -59.6693

Rectangle

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



62.3070, 24.9916, 57.6128



48.1710, -5.5073, 86.6730



53.9190, -14.2571, -47.2870



65.0280, 20.6922, -57.0296

Sweetspot

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



62.3070, 24.9916, 57.6128



140.0750, 9.8230, 22.7362



35.9110, 45.3999, -1.6759



68.3960, 6.2138, 13.6847



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



62.3070, 24.9916, 57.6128



65.9360, 37.9926, 87.7561



56.1510, 1.4046, 63.0116



59.7770, 1.5889, 3.7036



50.8120, 29.1797, 67.6939



0.0000, 0.0000, 0.0000

Inverse Universe

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



62.3070, 24.9916, 57.6128



65.9360, 37.9926, 87.7561



90.8490, -1.4046, -63.0116



59.7770, 1.5889, 3.7036



50.8120, 29.1797, 67.6939



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 62.3070, 24.9916, 57.6128 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

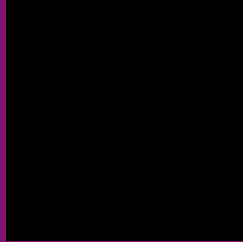
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.3070, 24.9916, 57.6128

Background



This preview shows how black text looks on a background with the YUV color 62.3070, 24.9916, 57.6128.



This preview shows how white text looks on a background with the YUV color 62.3070, 24.9916,

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

62.3070, 24.9916, 57.6128

Protanopia

58.0760, 44.8255, -50.9327

Deuteranopia

71.6900, 16.9148, -12.0061



Tritanopia

69.7670, -9.7451, 45.8083

Trichromacy



Original Color

62.3070, 24.9916, 57.6128

Protanomaly

59.4940, 37.7175, -10.9572

Deuteranomaly

68.3540, 20.0385, 12.8445

Tritanomaly

67.1170, 2.9003, 49.8864

Monochromacy



Original Color

62.3070, 24.9916, 57.6128

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.9500, 9.3917, 21.0919

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.3070, 24.9916, 57.6128 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(128, 19, 113)` looks like.

```
.text, #text, p{  
    color:rgb(128, 19, 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(128, 19, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 19, 113) }
```

Border

The CSS property to change the border of an element to YUV 62.3070, 24.9916, 57.6128 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(128, 19, 113) }
```


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

```
.border{ border-color:rgb(128, 19, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 19, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 19, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 19, 113); box-shadow:4px 4px 4px 4px rgb(128, 19, 113) }
```

Background

The CSS property to change the background color of an element to YUV 62.3070, 24.9916, 57.6128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 19, 113) }
```

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

```
.background{ background-color: rgb(128, 19,  
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