

Converting Colors

YUV(104.6870, 8.5353, 62.5415)

Have a look what the booklet for
YUV(104.6870, 8.5353, 62.5415)
contains.

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Color

**YUV(104.6870, 8.5353,
62.5415)**

Conversions

Conversions Part 1

Format	Color
Hex	B0417A
RGB	176, 65, 122
RGB Percent	69%, 25%, 48%
CMY	0.3098, 0.7451, 0.5216
CMYK	0.00, 0.63, 0.31, 0.31
HSL	329°, 46%, 47%
HSV	329°, 63%, 69%
XYZ	23.3076, 14.4158, 19.9664
YIQ	104.6870, 47.8590, 41.2590

Conversions

Conversions Part 2

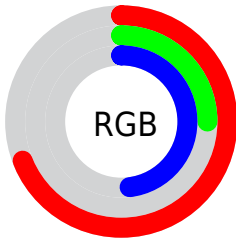
Format	Color
R_{YB}	176, 65, 122
Decimal	11551098
CIE _{Lab}	44.82, 50.79, -8.76
CIE _{LCh}	45, 51.540, 350.217
Yxy	14.4158, 0.4040, 0.2499
Android (android.graphics.Color)	4289741178 (0xFFB0417A)
YUV	104.6870, 8.5353, 62.5415
Hunter-Lab	37.9682, 43.1320, -4.6013

Details

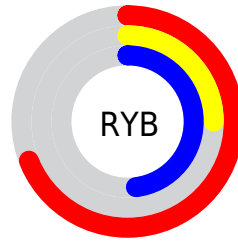
The YUV color **104.6870, 8.5353, 62.5415** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **136.3130, -8.5353, -62.5415**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6550, 7.0721, 65.2006**, and **44.2020, 14.1974, 66.4748** is the 20% darker color. If you saturate the color by 10%, you get **93.0950, 9.8132, 72.7077**, and if you desaturate by 10%, it is **116.2790, 7.2575, 52.3753**.

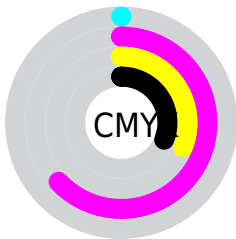
Distribution



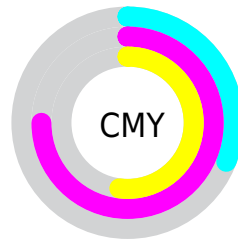
- Red (69%)
- Green (25%)
- Blue (48%)



- Red (69%)
- Yellow (25%)
- Blue (48%)



- Cyan (0%)
- Magenta (63%)
- Yellow (31%)
- Black (31%)




- Cyan (31%)
- Magenta (75%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.6870, 8.5353, 62.5415 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 104.6870, 8.5353, 62.5415 by changing the saturation by 10% instead.


 104.6870, 8.5353,
62.5415

 104.6870, 8.5353,
62.5415

255.0000, 0.0000,
0.0000


 76.4420, 10.1351,
62.7564


 159.6550, 7.0721,
65.2006


 44.2020, 14.1974,
66.4748


 184.9750, 8.3933,
61.4119


 33.3220, 8.7153,
51.4606

 204.6030, 12.5207,
44.1982

 23.1540, 3.3751,
37.5759

 223.8890, 15.3377,
27.2843

 12.3730, -5.6069,
25.1059

 240.9120, 6.9454,
12.3552

 0.0000, 0.0000,
0.0000

■ 104.6870, 8.5353,
62.5415

■ 104.6870, 8.5353,
62.5415

■ 93.0950, 9.8132,
72.7077

■ 116.2790, 7.2575,
52.3753

■ 82.2040, 11.2384,
82.2591

■ 127.1700, 5.8322,
42.8239

■ 70.6120, 12.5163,
92.4253

■ 138.7620, 4.5543,
32.6577

■ 62.8840, 13.3682,
99.2027

■ 149.6530, 3.1291,
23.1063


■ 161.2450, 1.8512,
12.9401

■ 172.7230, 0.1366,
2.8739

■ 183.7280, -0.8519,
-6.7775

■ 195.2060, -2.5666,

-16.8437

 206.2110, -3.5550,
-26.4950

Harmonies

Analogous

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



109.0710, 26.0940, 30.6327



104.6870, 8.5353, 62.5415



101.8780, -11.2789, 71.1440

Triad

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



104.6870, 8.5353, 62.5415



96.9580, -43.3633, 1.7908



91.6950, 39.0974, -80.4165

Complementary

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



104.6870, 8.5353, 62.5415



136.3130, -8.5353, -62.5415

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.



89.3520, 22.5045, -78.3617



104.6870, 8.5353, 62.5415



89.5410, -20.9727, -39.9395

Square

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



104.6870, 8.5353, 62.5415



100.3580, -46.5185, 33.8890



83.6350, 3.1379, -73.3479



89.2790, 50.1485, -78.2977

Rectangle

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



104.6870, 8.5353, 62.5415



102.3920, -24.3503, 63.6772



83.6350, 3.1379, -73.3479



91.7290, 34.1506, -80.4463

Sweetspot

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



104.6870, 8.5353, 62.5415



201.6640, 3.1236, 24.8507



93.8000, 40.5246, 22.1004



97.6690, 2.1352, 15.1993



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



104.6870, 8.5353, 62.5415



117.5850, 13.5156, 98.5880



98.4170, -15.4886, 68.0403



83.2610, 0.8573, 5.0331



54.7530, 11.9538, 86.1626



9.2560, 1.8458, 14.6845

Inverse Universe

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



104.6870, 8.5353, 62.5415



117.5850, 13.5156, 98.5880



142.5830, 15.4886, -68.0403



83.2610, 0.8573, 5.0331



54.7530, 11.9538, 86.1626



9.2560, 1.8458, 14.6845

Previews

White Background



This preview shows how the YUV color 104.6870, 8.5353, 62.5415 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 × Fail

Black Background



This preview shows how the YUV color 104.6870, 8.5353, 62.5415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

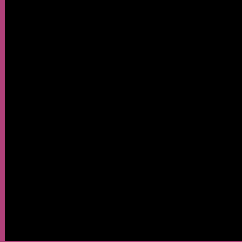
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.6870, 8.5353, 62.5415

Background



This preview shows how black text looks on a background with the YUV color 104.6870, 8.5353, 62.5415.



This preview shows how white text looks on a background with the YUV color 104.6870, 8.5353,

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

104.6870, 8.5353, 62.5415

Protanopia

106.5420, 21.4248, -11.8763

Deuteranopia

108.0590, 3.9149, 4.3333



Tritanopia

104.8720, -12.2619, 59.7483

Trichromacy



Original Color

104.6870, 8.5353, 62.5415

Protanomaly

105.5670, 16.9755, 15.2887

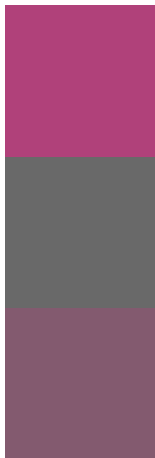
Deuteranomaly

106.9460, 5.4496, 25.4804

Tritanomaly

104.5330, -4.6998, 60.9226

Monochromacy



Original Color

104.6870, 8.5353, 62.5415

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.6530, 3.1291, 23.1063

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.6870, 8.5353, 62.5415 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(176, 65, 122)` looks like.

```
.text, #text, p{  
    color:rgb(176, 65, 122)  
}
```

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(176, 65, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 65, 122) }
```

Border

The CSS property to change the border of an element to YUV 104.6870, 8.5353, 62.5415 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(176, 65, 122) }
```


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

```
.border{ border-color:rgb(176, 65, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 65, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 65, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 65, 122);  
box-shadow:4px 4px 4px 4px rgb(176, 65,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 104.6870, 8.5353, 62.5415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 65, 122) }
```

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

```
.background{ background-color: rgb(176, 65,  
122) }
```

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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