

Converting Colors

YUV(104.6370, 7.5740, 44.1684)

Have a look what the booklet for
YUV(104.6370, 7.5740, 44.1684)
contains.

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Color

**YUV(104.6370, 7.5740,
44.1684)**

Conversions

Conversions Part 1

Format	Color
Hex	9B4C78
RGB	155, 76, 120
RGB Percent	61%, 30%, 47%
CMY	0.3922, 0.7020, 0.5294
CMYK	0.00, 0.51, 0.23, 0.39
HSL	327°, 34%, 45%
HSV	327°, 51%, 61%
XYZ	19.4922, 13.4935, 19.3465
YIQ	104.6370, 32.9600, 30.4320

Conversions

Conversions Part 2

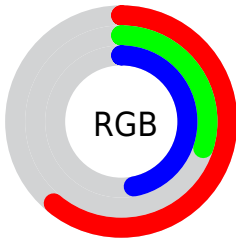
Format	Color
R_{YB}	155, 76, 120
Decimal	10177656
CIE Lab	43.50, 38.40, -9.86
CIE LCh	43, 39.646, 345.606
Yxy	13.4935, 0.3725, 0.2578
Android (android.graphics.Color)	4288367736 (0xFF9B4C78)
YUV	104.6370, 7.5740, 44.1684
Hunter-Lab	36.7335, 30.4351, -5.5128

Details

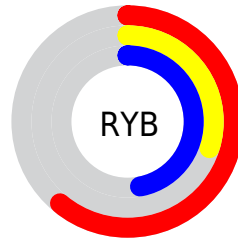
The YUV color **104.6370, 7.5740, 44.1684** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **126.3630, -7.5740, -44.1684**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2460, 7.2737, 47.1423**, and **53.0820, 9.3266, 42.0241** is the 20% darker color. If you saturate the color by 10%, you get **95.0340, 8.8572, 52.5902**, and if you desaturate by 10%, it is **114.8270, 6.0013, 35.2317**.

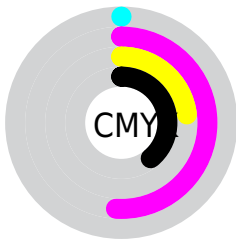
Distribution



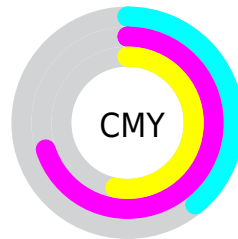
- Red (61%)
- Green (30%)
- Blue (47%)



- Red (61%)
- Yellow (30%)
- Blue (47%)



- Cyan (0%)
- Magenta (51%)
- Yellow (23%)
- Black (39%)




- Cyan (39%)
- Magenta (70%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.6370, 7.5740, 44.1684 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 104.6370, 7.5740, 44.1684 by changing the saturation by 10% instead.


 104.6370, 7.5740,
44.1684


 104.6370, 7.5740,
44.1684


255.0000, 0.0000,
0.0000


 79.0390, 7.8688,
42.9388

 157.2460, 7.2737,
47.1423


 53.0820, 9.3266,
42.0241


 184.9580, 7.4157,
48.2718


 28.3100, 10.2002,
41.8241

 209.0710, 9.3320,
40.2797

 18.4410, 4.7126,
28.5542

 228.5850, 13.0226,
23.1660

 6.5780, -3.2430,
13.5251

 245.0210, 4.9196,
8.7516

 0.0000, 0.0000,
0.0000

104.6370, 7.5740,
44.1684

104.6370, 7.5740,
44.1684

95.0340, 8.8572,
52.5902

114.8270, 6.0013,
35.2317

84.8440, 10.4299,
61.5268

124.4300, 4.7180,
26.8099

74.6540, 12.0026,
70.4634

134.6200, 3.1453,
17.8733

65.1650, 13.7227,
78.7853

144.1090, 1.4253,
9.5514

56.1490, 14.7165,
86.6923

154.2990, -0.1474,
0.6148

163.9020, -1.4307,
-7.8071

174.0920, -3.0034,
-16.7437

183.6950, -4.2866,

-25.1655

■ 193.8850, -5.8593,
-34.1021

Harmonies

Analogous

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



106.0280, 21.1852, 18.3924



104.6370, 7.5740, 44.1684



102.3920, -7.5883, 54.0302

Triad

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



104.6370, 7.5740, 44.1684



97.6070, -30.8653, 6.4837



85.6650, 31.2242, -75.1282

Complementary

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



104.6370, 7.5740, 44.1684



126.3630, -7.5740, -44.1684

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.



83.4190, 17.5414, -73.1585



104.6370, 7.5740, 44.1684



93.2210, -18.8430, -22.9958

Square

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



104.6370, 7.5740, 44.1684



100.0490, -31.0832, 29.7750



78.9560, 2.9797, -69.2444



84.0810, 40.3861, -73.7390

Rectangle

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



104.6370, 7.5740, 44.1684



101.7370, -17.6183, 51.0967



78.9560, 2.9797, -69.2444



85.2260, 27.0036, -74.7432

Sweetspot

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



104.6370, 7.5740, 44.1684



181.9080, 3.0034, 16.7437



95.1720, 29.4952, 13.0042



90.5220, 1.7147, 10.0662



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



104.6370, 7.5740, 44.1684



123.2300, 11.7186, 68.2043



100.1910, -9.4612, 48.0675



71.8480, 0.5679, 4.5183



50.7520, 13.4333, 78.2705



4.6850, 1.1413, 7.2923

Inverse Universe

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



104.6370, 7.5740, 44.1684



123.2300, 11.7186, 68.2043



130.8090, 9.4612, -48.0675



71.8480, 0.5679, 4.5183



50.7520, 13.4333, 78.2705



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 104.6370, 7.5740, 44.1684 looks on a white background.

Color Contrast Check

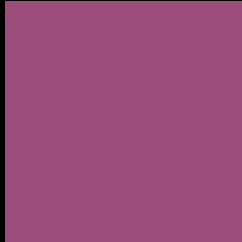
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.6370, 7.5740, 44.1684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

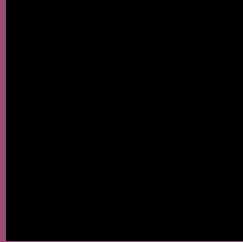
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.6370, 7.5740, 44.1684

Background



This preview shows how black text looks on a background with the YUV color 104.6370, 7.5740, 44.1684.



This preview shows how white text looks on a background with the YUV color 104.6370, 7.5740,

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

104.6370, 7.5740, 44.1684

Protanopia

103.4130, 17.0514, -9.1322

Deuteranopia

104.5040, 5.6675, 2.1890



Tritanopia

104.3150, -7.5503, 41.8197

Trichromacy



Original Color

104.6370, 7.5740, 44.1684

Protanomaly

104.2090, 13.2080, 10.3407

Deuteranomaly

104.4180, 6.2029, 17.1734

Tritanomaly

104.1070, -2.0248, 42.8792

Monochromacy



Original Color

104.6370, 7.5740, 44.1684

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.4950, 2.7140, 16.2289

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.6370, 7.5740, 44.1684 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(155, 76, 120)` looks like.

```
.text, #text, p{  
    color:rgb(155, 76, 120)  
}
```

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(155, 76, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 76, 120) }
```

Border

The CSS property to change the border of an element to YUV 104.6370, 7.5740, 44.1684 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(155, 76, 120) }
```


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

```
.border{ border-color:rgb(155, 76, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 76, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 76, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 76, 120);  
box-shadow:4px 4px 4px 4px rgb(155, 76,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 104.6370, 7.5740, 44.1684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 76, 120) }
```

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

```
.background{ background-color: rgb(155, 76,  
120) }
```

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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