

Converting Colors

YUV(104.1460, -1.0580,
59.5080)

Have a look what the booklet for
YUV(104.1460, -1.0580, 59.5080)
contains.

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Color

**YUV(104.1460, -1.0580,
59.5080)**

Conversions

Conversions Part 1

Format	Color
Hex	AC4666
RGB	172, 70, 102
RGB Percent	67%, 27%, 40%
CMY	0.3255, 0.7255, 0.6000
CMYK	0.00, 0.59, 0.41, 0.33
HSL	341°, 42%, 47%
HSV	341°, 59%, 67%
XYZ	21.6017, 14.1103, 14.1554
YIQ	104.1460, 50.5200, 31.5760

Conversions

Conversions Part 2

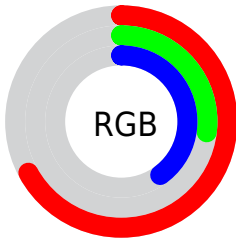
Format	Color
R_{YB}	172, 70, 102
Decimal	11290214
CIE _{Lab}	44.39, 44.83, 2.80
CIE _{LCh}	44, 44.914, 3.580
Yxy	14.1103, 0.4332, 0.2830
Android (android.graphics.Color)	4289480294 (0xFFAC4666)
YUV	104.1460, -1.0580, 59.5080
Hunter-Lab	37.5637, 36.9134, 3.9519

Details

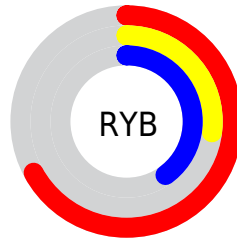
The YUV color **104.1460, -1.0580, 59.5080** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **137.8540, 1.0580, -59.5080**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4130, -2.6686, 62.7818**, and **47.9980, 3.4520, 59.6378** is the 20% darker color. If you saturate the color by 10%, you get **92.7990, -1.3799, 69.4593**, and if you desaturate by 10%, it is **115.4930, -0.7360, 49.5566**.

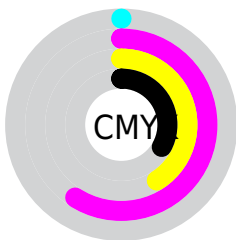
Distribution



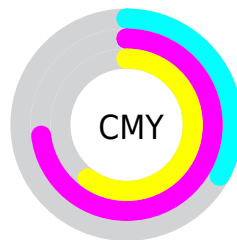
- Red (67%)
- Green (27%)
- Blue (40%)



- Red (67%)
- Yellow (27%)
- Blue (40%)



- Cyan (0%)
- Magenta (59%)
- Yellow (41%)
- Black (33%)



- Cyan (33%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.1460, -1.0580, 59.5080 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 104.1460, -1.0580, 59.5080 by changing the saturation by 10% instead.

104.1460, -1.0580,
59.5080

104.1460, -1.0580,
59.5080

255.0000, 0.0000,
0.0000

77.1890, 0.3998,
58.5932

158.4130, -2.6686,
62.7818

47.9980, 3.4520,
59.6378

184.8150, -2.3738,
61.5522

30.1880, 1.8793,
50.7011

203.7420, 1.6062,
44.9533

19.9060, -3.8977,
36.9164

223.9570, 5.4442,
27.2247

10.2800, -4.5750,
20.8024

242.6730, 6.0772,
10.8108

0.0000, 0.0000,
0.0000

■ 104.1460, -1.0580,
59.5080

■ 104.1460, -1.0580,
59.5080

■ 92.7990, -1.3799,
69.4593

■ 115.4930, -0.7360,
49.5566

■ 81.4520, -1.7018,
79.4106

■ 126.8400, -0.4141,
39.6053

■ 69.6320, -1.2976,
89.7767

■ 138.6600, -0.8184,
29.2392

■ 58.2850, -1.6195,
99.7281

■ 150.0070, -0.4965,
19.2879

■ 57.5840, -1.7669,
100.3428

■ 161.3540, -0.1745,
9.3365

■ 172.7010, 0.1474,
-0.6148

■ 184.0480, 0.4693,
-10.5661

■ 195.8680, 0.0651,

-20.9322

■ 207.2150, 0.3870,
-30.8836

Harmonies

Analogous

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



107.6780, 15.4417, 40.6244



104.1460, -1.0580, 59.5080



102.9660, -18.2242, 58.7888

Triad

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



104.1460, -1.0580, 59.5080



96.3550, -28.7690, -12.5893



88.1730, 40.8337, -77.3277

Complementary

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



104.1460, -1.0580, 59.5080



137.8540, 1.0580, -59.5080

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.



88.1440, 28.0300, -77.3023



104.1460, -1.0580, 59.5080



83.7910, -6.7990, -59.4527

Square

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



104.1460, -1.0580, 59.5080



100.4360, -38.1759, 18.0346



84.5130, 11.5791, -74.1179



90.1950, 44.2739, -60.6840

Rectangle

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



104.1460, -1.0580, 59.5080



102.8540, -28.5220, 48.3630



84.5130, 11.5791, -74.1179



89.1360, 36.9080, -78.1723

Sweetspot

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



104.1460, -1.0580, 59.5080



197.4420, -0.2179, 23.2914



102.5580, 34.2349, 32.8366



95.9740, -0.4802, 14.0548



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



104.1460, -1.0580, 59.5080



118.2410, -1.5978, 92.7506



111.6510, -20.5339, 52.9261



81.0330, -0.0163, 5.2331



50.2080, -1.5815, 87.5176



7.6750, -0.3328, 13.4400

Inverse Universe

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



104.1460, -1.0580, 59.5080



118.2410, -1.5978, 92.7506



130.3490, 20.5339, -52.9261



81.0330, -0.0163, 5.2331



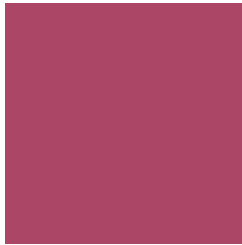
50.2080, -1.5815, 87.5176



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 104.1460, -1.0580, 59.5080 looks on a white background.

Color Contrast Check

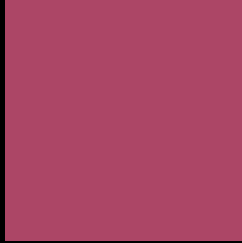
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.1460, -1.0580, 59.5080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

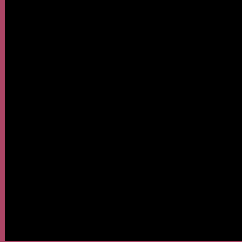
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.1460, -1.0580, 59.5080

Background



This preview shows how black text looks on a background with the YUV color 104.1460, -1.0580, 59.5080.



This preview shows how white text looks on a background with the YUV color 104.1460, -1.0580,

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

104.1460, -1.0580, 59.5080

Protanopia

106.0410, 7.8678, -3.5440

Deuteranopia

106.5130, -4.6899, 10.9511



Tritanopia

103.2740, -11.9671, 58.5187

Trichromacy



Original Color

104.1460, -1.0580, 59.5080

Protanomaly

105.0870, 4.8871, 19.2177

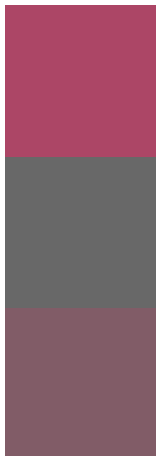
Deuteranomaly

105.3780, -3.1444, 28.6095

Tritanomaly

103.8980, -8.3307, 58.8485

Monochromacy



Original Color

104.1460, -1.0580, 59.5080

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.3170, -0.6493, 21.6470

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.1460, -1.0580, 59.5080 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(172, 70, 102)` looks like.

```
.text, #text, p{  
    color:rgb(172, 70, 102)  
}
```

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(172, 70, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 70, 102) }
```

Border

The CSS property to change the border of an element to YUV 104.1460, -1.0580, 59.5080 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(172, 70, 102) }
```


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

```
.border{ border-color:rgb(172, 70, 102) }
```

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

Here you see how a box with a 4 pixel rgb(172, 70, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 70, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 70, 102);  
box-shadow:4px 4px 4px 4px rgb(172, 70,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 104.1460, -1.0580, 59.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 70, 102) }
```

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

```
.background{ background-color: rgb(172, 70,  
102) }
```

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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