

Converting Colors

YUV(104.8600, -24.0880,
72.9138)

Have a look what the booklet for
YUV(104.8600, -24.0880, 72.9138)
contains.

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Color

**YUV(104.8600, -24.0880,
72.9138)**

Conversions

Conversions Part 1

Format	Color
Hex	BC4838
RGB	188, 72, 56
RGB Percent	74%, 28%, 22%
CMY	0.2627, 0.7176, 0.7804
CMYK	0.00, 0.62, 0.70, 0.26
HSL	7°, 54%, 48%
HSV	7°, 70%, 74%
XYZ	23.7702, 15.6116, 5.5019
YIQ	104.8600, 74.2720, 19.6160

Conversions

Conversions Part 2

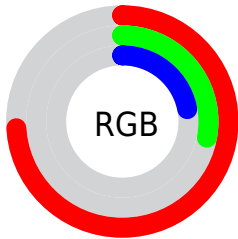
Format	Color
RYB	188, 74, 56
Decimal	12339256
CIELab	46.46, 45.79, 33.75
CIElCh	46, 56.885, 36.393
Yxy	15.6116, 0.5296, 0.3478
Android (android.graphics.Color)	4290529336 (0xFFBC4838)
YUV	104.8600, -24.0880, 72.9138
Hunter-Lab	39.5115, 38.2407, 19.4021

Details

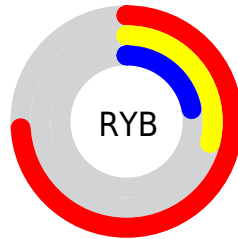
The YUV color **104.8600, -24.0880, 72.9138** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **139.1400, 24.0880, -72.9138**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9810, -27.5986, 78.9467**, and **47.2710, -17.3886, 70.7993** is the 20% darker color. If you saturate the color by 10%, you get **92.7150, -27.4675, 83.5649**, and if you desaturate by 10%, it is **117.0050, -20.7085, 62.2626**.

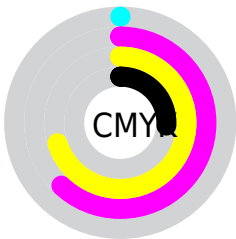
Distribution



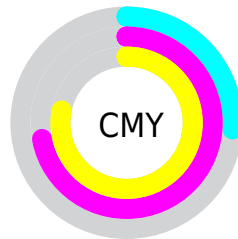
- Red (74%)
- Green (28%)
- Blue (22%)



- Red (74%)
- Yellow (29%)
- Blue (22%)



- Cyan (0%)
- Magenta (62%)
- Yellow (70%)
- Black (26%)



- Cyan (26%)
- Magenta (72%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.8600, -24.0880, 72.9138 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 104.8600, -24.0880, 72.9138 by changing the saturation by 10% instead.

■ 104.8600,
-24.0880, 72.9138

■ 104.8600,
-24.0880, 72.9138

■ 255.0000, 0.0000,
0.0000

■ 77.5330, -21.4618,
70.5696

■ 159.9810,
-27.5986, 78.9467

■ 47.2710, -17.3886,
70.7993

■ 180.1750,
-25.2293, 65.6215

■ 29.6010, -14.5933,
60.8629

■ 199.5750,
-21.9755, 48.6077

■ 20.9300, -10.3185,
43.0344

■ 219.0890,
-18.2849, 31.4939

■ 12.9710, -5.9017,
26.3354

■ 239.3040,
-14.4469, 13.7654

■ 0.0000, 0.0000,
0.0000

■ 253.0620, -7.4256,

1.6996

■ 104.8600,
-24.0880, 72.9138

■ 104.8600,
-24.0880, 72.9138

■ 92.7150, -27.4675,
83.5649

■ 117.0050,
-20.7085, 62.2626

■ 81.1570, -31.1364,
93.7013

■ 128.5630,
-17.0396, 52.1262

■ 69.7130, -34.3685,
103.7377

■ 140.5940,
-14.0968, 41.5751

■ 152.1520,
-10.4279, 31.4387

■ 164.2970, -7.0484,
20.7875

■ 175.8550, -3.3795,
10.6512

■ 188.0000, 0.0000,
0.0000

■ 199.4440, 3.2321,
-10.0364

■ 211.5890, 6.6116,
-20.6876

Harmonies

Analogous

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



104.2670, -1.1176, 78.6958



104.8600, -24.0880, 72.9138



104.2830, -45.9885, 50.6178

Triad

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



104.8600, -24.0880, 72.9138



83.7030, -6.7556, -73.4075



89.8150, 57.2792, -78.7678

Complementary

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



104.8600, -24.0880, 72.9138



139.1400, 24.0880, -72.9138

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.



95.9470, 50.3121, -84.1455



104.8600, -24.0880, 72.9138



91.0500, 13.7794, -79.8508

Square

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



104.8600, -24.0880, 72.9138



96.2370, -36.5988, -21.2558



95.8210, 34.5982, -84.0350



113.0990, 36.9262, 9.5602

Rectangle

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



104.8600, -24.0880, 72.9138



103.1850, -50.8702, 29.6558



95.8210, 34.5982, -84.0350



92.7500, 55.8323, -81.3418

Sweetspot

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



104.8600, -24.0880, 72.9138



212.6570, -9.6909, 28.3648



108.8060, 31.6476, 69.4531



103.3180, -5.5798, 16.3841



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



104.8600, -24.0880, 72.9138



115.2690, -37.6006, 113.7741



143.0150, -42.8984, 39.4518



88.2780, -1.6161, 5.0182



58.3950, -28.7887, 87.3536



11.6170, -5.7272, 16.9989

Inverse Universe

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



139.1400, 24.0880, -72.9138



168.7310, 37.6006, -113.7741



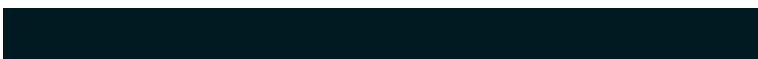
100.9850, 42.8984, -39.4518



90.7220, 1.6161, -5.0182



99.6050, 28.7887, -87.3536



19.3830, 5.7272, -16.9989

Previews

White Background



This preview shows how the YUV color 104.8600, -24.0880, 72.9138 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 104.8600, -24.0880, 72.9138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

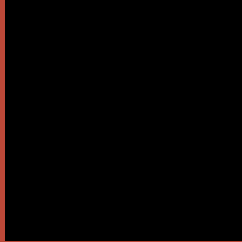
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.8600, -24.0880, 72.9138

Background



This preview shows how black text looks on a background with the YUV color 104.8600, -24.0880, 72.9138.



This preview shows how white text looks on a background with the YUV color 104.8600, -24.0880,

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

104.8600, -24.0880, 72.9138

Protanopia

109.2020, -19.8196, 10.3468

Deuteranopia

108.1840, -29.1777, 25.2716



Tritanopia

106.0370, -15.7942, 72.7586

Trichromacy



Original Color

104.8600, -24.0880, 72.9138

Protanomaly

107.5900, -21.4899, 32.8086

Deuteranomaly

107.1630, -27.1954, 42.8300

Tritanomaly

105.8260, -19.1412, 72.9436

Monochromacy



Original Color

104.8600, -24.0880, 72.9138

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8740, -8.8119, 26.4205

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8600, -24.0880, 72.9138 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(188, 72, 56)` looks like.

```
.text, #text, p{  
    color:rgb(188, 72, 56)  
}
```

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(188, 72, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 72, 56) }
```

Border

The CSS property to change the border of an element to YUV 104.8600, -24.0880, 72.9138 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(188, 72, 56) }
```


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

```
.border{ border-color:rgb(188, 72, 56) }
```

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

Here you see how a box with a 4 pixel rgb(188, 72, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 72, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 72, 56);  
box-shadow:4px 4px 4px 4px rgb(188, 72,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 104.8600, -24.0880, 72.9138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 72, 56) }
```

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

```
.background{ background-color: rgb(188, 72,  
56) }
```

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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