

Converting Colors

YUV(101.6030, -17.5523,
76.6472)

Have a look what the booklet for
YUV(101.6030, -17.5523, 76.6472)
contains.

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Color

**YUV(101.6030, -17.5523,
76.6472)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4042
RGB	189, 64, 66
RGB Percent	74%, 25%, 26%
CMY	0.2588, 0.7490, 0.7412
CMYK	0.00, 0.66, 0.65, 0.26
HSL	359°, 49%, 50%
HSV	359°, 66%, 74%
XYZ	23.8030, 14.8790, 6.7716
YIQ	101.6030, 73.8580, 27.1220

Conversions

Conversions Part 2

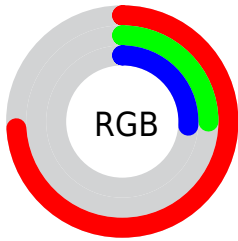
Format	Color
RYB	189, 64, 66
Decimal	12402754
CIELab	45.47, 50.21, 26.74
CIElCh	45, 56.890, 28.036
Yxy	14.8790, 0.5237, 0.3273
Android (android.graphics.Color)	4290592834 (0xFFBD4042)
YUV	101.6030, -17.5523, 76.6472
Hunter-Lab	38.5732, 42.6467, 16.5928

Details

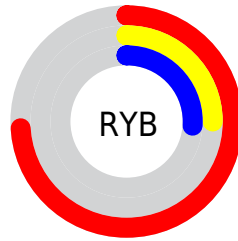
The YUV color **101.6030, -17.5523, 76.6472** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **151.3970, 17.5523, -76.6472**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.3110, -21.3523, 82.1653**, and **41.1930, -8.9691, 77.0067** is the 20% darker color. If you saturate the color by 10%, you get **88.2840, -20.3530, 88.3279**, and if you desaturate by 10%, it is **114.9220, -14.7515, 64.9664**.

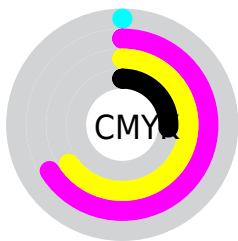
Distribution



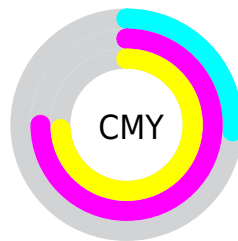
- Red (74%)
- Green (25%)
- Blue (26%)



- Red (74%)
- Yellow (25%)
- Blue (26%)



- Cyan (0%)
- Magenta (66%)
- Yellow (65%)
- Black (26%)



- Cyan (26%)
- Magenta (75%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.6030, -17.5523, 76.6472 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 101.6030, -17.5523, 76.6472 by changing the saturation by 10% instead.

■ 101.6030,
-17.5523, 76.6472

■ 101.6030,
-17.5523, 76.6472

■ 255.0000, 0.0000,
0.0000

■ 73.1020, -14.3473,
75.3325

■ 157.3110,
-21.3523, 82.1653

■ 41.1930, -8.9691,
77.0067

■ 177.9070,
-18.6882, 67.6106

■ 29.9000, -14.7407,
61.4777

■ 196.7200,
-15.1450, 51.1116

■ 21.2290, -10.4659,
43.6492

■ 216.8210,
-11.7438, 33.4830

■ 12.9710, -5.9017,
26.3354

■ 237.0360, -7.9057,
15.7544

■ 0.0000, 0.0000,
0.0000

■ 254.4300, -2.1840,

0.4999

■ 101.6030,
-17.5523, 76.6472

■ 101.6030,
-17.5523, 76.6472

■ 88.2840, -20.3530,
88.3279

■ 114.9220,
-14.7515, 64.9664

■ 75.0790, -22.7169,
99.9087

■ 128.1270,
-12.3876, 53.3856

■ 61.7600, -25.5177,
111.5895

■ 141.4460, -9.5869,
41.7049

■ 56.8530, -26.5495,
115.8929

■ 154.6510, -7.2229,
30.1241

■ 167.9700, -4.4222,
18.4433

■ 180.7020, -1.3321,
7.2773

■ 193.9070, 1.0318,
-4.3034

■ 207.2260, 3.8326,
-15.9842

■ 220.4310, 6.1965,
-27.5650

Harmonies

Analogous

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



102.8520, 5.0030, 75.5518



101.6030, -17.5523, 76.6472



102.6350, -39.7531, 57.3251

Triad

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



101.6030, -17.5523, 76.6472



79.5310, -12.5868, -69.7487



90.0600, 55.6794, -78.9826

Complementary

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



101.6030, -17.5523, 76.6472



151.3970, 17.5523, -76.6472

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.



94.8070, 45.9441, -83.1457



101.6030, -17.5523, 76.6472



87.4650, 7.6588, -76.7068

Square

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



101.6030, -17.5523, 76.6472



95.0940, -46.3883, -7.9754



92.9370, 28.6251, -81.5057



107.8410, 41.4904, -7.7536

Rectangle

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



101.6030, -17.5523, 76.6472



101.4680, -50.0237, 38.1776



92.9370, 28.6251, -81.5057



92.7670, 53.3589, -81.3567

Sweetspot

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



101.6030, -17.5523, 76.6472



210.7650, -6.7861, 30.0241



115.0270, 36.4687, 63.1203



101.6710, -4.2748, 17.8285



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.



101.6030, -17.5523, 76.6472



109.4620, -26.8498, 118.8668



136.5950, -35.7893, 45.9592



87.6910, -1.3267, 5.5330



47.5840, -21.9799, 96.8348



9.2690, -4.5696, 19.0581

Inverse Universe

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



101.6030, -17.5523, 76.6472



109.4620, -26.8498, 118.8668



116.4050, 35.7893, -45.9592



87.6910, -1.3267, 5.5330



47.5840, -21.9799, 96.8348



9.2690, -4.5696, 19.0581

Previews

White Background



This preview shows how the YUV color 101.6030, -17.5523, 76.6472 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 101.6030, -17.5523, 76.6472 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 101.6030, -17.5523, 76.6472

Background



This preview shows how black text looks on a background with the YUV color 101.6030, -17.5523, 76.6472.



This preview shows how white text looks on a background with the YUV color 101.6030, -17.5523,

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

101.6030, -17.5523, 76.6472

Protanopia

107.6560, -11.6624, 7.3177

Deuteranopia

106.6550, -23.4939, 22.2276



Tritanopia

101.7170, -17.1155, 76.5472

Trichromacy



Original Color

101.6030, -17.5523, 76.6472

Protanomaly

105.5390, -14.0697, 32.8533

Deuteranomaly

105.0580, -21.2276, 42.0451

Tritanomaly

101.7170, -17.1155, 76.5472

Monochromacy



Original Color

101.6030, -17.5523, 76.6472

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.8680, -6.3439, 28.1798

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.6030, -17.5523, 76.6472 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(189, 64, 66)` looks like.

```
.text, #text, p{  
    color:rgb(189, 64, 66)  
}
```

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(189, 64, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 64, 66) }
```

Border

The CSS property to change the border of an element to YUV 101.6030, -17.5523, 76.6472 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(189, 64, 66) }
```


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

```
.border{ border-color:rgb(189, 64, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 64, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 64, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 64, 66);  
box-shadow:4px 4px 4px 4px rgb(189, 64,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 101.6030, -17.5523, 76.6472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 64, 66) }
```

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

```
.background{ background-color: rgb(189, 64,  
66) }
```

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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