

Converting Colors

YUV(96.0670, -24.6830,
77.1172)

Have a look what the booklet for
YUV(96.0670, -24.6830, 77.1172)
contains.

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Color

**YUV(96.0670, -24.6830,
77.1172)**

Conversions

Conversions Part 1

Format	Color
Hex	B83D2E
RGB	184, 61, 46
RGB Percent	72%, 24%, 18%
CMY	0.2784, 0.7608, 0.8196
CMYK	0.00, 0.67, 0.75, 0.28
HSL	7°, 60%, 45%
HSV	7°, 75%, 72%
XYZ	21.9290, 13.7251, 4.0782
YIQ	96.0670, 78.1230, 21.4110

Conversions

Conversions Part 2

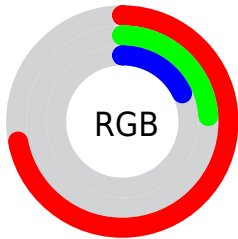
Format	Color
RYB	184, 63, 46
Decimal	12074286
CIELab	43.84, 48.75, 36.25
CIELCh	44, 60.751, 36.633
Yxy	13.7251, 0.5519, 0.3454
Android (android.graphics.Color)	4290264366 (0xFFB83D2E)
YUV	96.0670, -24.6830, 77.1172
Hunter-Lab	37.0474, 40.8246, 19.4065

Details

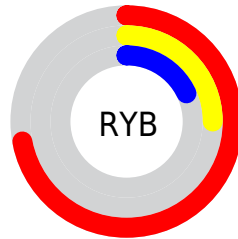
The YUV color **96.0670, -24.6830, 77.1172** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **133.9330, 24.6830, -77.1172**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6610, -28.9199, 82.7353**, and **37.0760, -18.2785, 76.2323** is the 20% darker color. If you saturate the color by 10%, you get **84.6230, -27.9151, 87.1536**, and if you desaturate by 10%, it is **107.5110, -21.4509, 67.0809**.

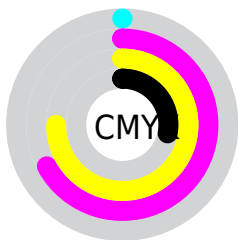
Distribution



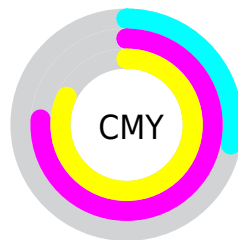
- Red (72%)
- Green (24%)
- Blue (18%)



- Red (72%)
- Yellow (25%)
- Blue (18%)



- Cyan (0%)
- Magenta (67%)
- Yellow (75%)
- Black (28%)





- Cyan (28%)
- Magenta (76%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.0670, -24.6830, 77.1172 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 96.0670, -24.6830, 77.1172 by changing the saturation by 10% instead.


 96.0670, -24.6830,
77.1172


 96.0670, -24.6830,
77.1172


255.0000, 0.0000,
0.0000


 67.5660, -21.4780,
75.8026


 151.6610,
-28.9199, 82.7353


 37.0760, -18.2785,
76.2323


 173.0510,
-27.1401, 71.8693


 28.1060, -13.8563,
57.7890

 192.4510,
-23.8863, 54.8555

 19.5490, -9.1447,
39.8605

 211.8510,
-20.6325, 37.8417

 10.8780, -4.8699,
22.0320

 232.0660,
-16.7945, 20.1131

 0.0000, 0.0000,
0.0000

 251.6940,

-12.6671, 2.8994

■ 96.0670, -24.6830,
77.1172

■ 96.0670, -24.6830,
77.1172

■ 84.6230, -27.9151,
87.1536

■ 107.5110,
-21.4509, 67.0809

■ 72.4780, -31.2947,
97.8048

■ 119.6560,
-18.0714, 56.4297

■ 66.7560, -32.9107,
102.8230

■ 131.1000,
-14.8393, 46.3933

■ 143.2450,
-11.4598, 35.7421

■ 154.6890, -8.2277,
25.7057

■ 166.1330, -4.9956,
15.6694

■ 178.2780, -1.6161,
5.0182

■ 189.7220, 1.6161,
-5.0182

■ 201.8670, 4.9956,
-15.6694

Harmonies

Analogous

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



93.7670, 0.6079, 85.2733



96.0670, -24.6830, 77.1172



97.1260, -47.8831, 51.6325

Triad

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



96.0670, -24.6830, 77.1172



79.1550, -8.9504, -69.4189



85.5920, 58.8681, -75.0642

Complementary

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



96.0670, -24.6830, 77.1172



133.9330, 24.6830, -77.1172

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.



92.1970, 51.1749, -80.8568



96.0670, -24.6830, 77.1172



86.9580, 13.3317, -76.2622

Square

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



96.0670, -24.6830, 77.1172



86.9180, -42.8506, -22.7301



91.9570, 35.0242, -80.6463



105.3810, 39.2522, 10.1899

Rectangle

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



96.0670, -24.6830, 77.1172



97.5700, -48.1020, 28.4411



91.9570, 35.0242, -80.6463



89.1140, 57.1318, -78.1530

Sweetspot

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



96.0670, -24.6830, 77.1172



204.9670, -9.8437, 30.7239



101.3980, 33.8208, 72.4420



98.5140, -6.1694, 18.8432



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



96.0670, -24.6830, 77.1172



102.0850, -38.4959, 120.9515



135.9830, -44.3616, 42.1109



86.2780, -1.6161, 5.0182



56.6230, -27.9151, 87.1536



10.1330, -4.9956, 15.6694

Inverse Universe

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



133.9330, 24.6830, -77.1172



161.3280, 38.7853, -120.4367



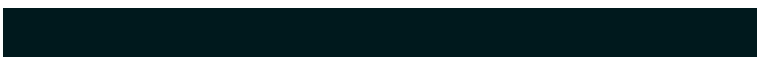
94.0170, 44.3616, -42.1109



88.7220, 1.6161, -5.0182



99.3770, 27.9151, -87.1536



17.8670, 4.9956, -15.6694

Previews

White Background



This preview shows how the YUV color 96.0670, -24.6830, 77.1172 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 96.0670, -24.6830, 77.1172 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 96.0670, -24.6830, 77.1172

Background



This preview shows how black text looks on a background with the YUV color 96.0670, -24.6830, 77.1172.



This preview shows how white text looks on a background with the YUV color 96.0670, -24.6830,

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

96.0670, -24.6830, 77.1172

Protanopia

102.2730, -20.8406, 11.1616

Deuteranopia

101.3150, -31.2143, 25.1567



Tritanopia

97.0160, -17.2629, 77.1620

Trichromacy



Original Color

96.0670, -24.6830, 77.1172

Protanomaly

99.7860, -22.0795, 35.2677

Deuteranomaly

99.4190, -28.8006, 44.3595

Tritanomaly

96.9190, -20.1731, 77.2470

Monochromacy



Original Color

96.0670, -24.6830, 77.1172

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8850, -8.8173, 28.1649

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.0670, -24.6830, 77.1172 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(184, 61, 46)` looks like.

```
.text, #text, p{  
    color:rgb(184, 61, 46)  
}
```

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(184, 61, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 61, 46) }
```

Border

The CSS property to change the border of an element to YUV 96.0670, -24.6830, 77.1172 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(184, 61, 46) }
```


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

```
.border{ border-color:rgb(184, 61, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 61, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 61, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 61, 46);  
box-shadow:4px 4px 4px 4px rgb(184, 61,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 96.0670, -24.6830, 77.1172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 61, 46) }
```

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

```
.background{ background-color: rgb(184, 61,  
46) }
```

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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