

Converting Colors

YUV(106.8230, -28.0137,
72.0692)

Have a look what the booklet for
YUV(106.8230, -28.0137, 72.0692)
contains.

YUV(106.8230, -28.0137, 72.0692)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(106.8230, -28.0137,
72.0692)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4C32
RGB	189, 76, 50
RGB Percent	74%, 30%, 20%
CMY	0.2588, 0.7020, 0.8039
CMYK	0.00, 0.60, 0.74, 0.26
HSL	11°, 58%, 47%
HSV	11°, 74%, 74%
XYZ	24.1464, 16.2180, 4.8753
YIQ	106.8230, 75.6940, 15.8700

Conversions

Conversions Part 2

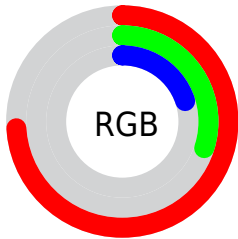
Format	Color
R_{YB}	189, 82, 50
Decimal	12405810
CIE Lab	47.26, 44.00, 38.05
CIE LCh	47, 58.171, 40.850
Yxy	16.2180, 0.5337, 0.3585
Android (android.graphics.Color)	4290595890 (0xFFBD4C32)
YUV	106.8230, -28.0137, 72.0692
Hunter-Lab	40.2716, 36.5516, 21.0124

Details

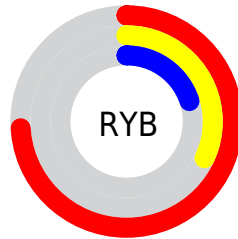
The YUV color **106.8230, -28.0137, 72.0692** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **132.1770, 28.0137, -72.0692**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.9440, -31.5244, 78.1021**, and **51.3540, -23.3455, 68.0955** is the 20% darker color. If you saturate the color by 10%, you get **95.8520, -31.9720, 81.6908**, and if you desaturate by 10%, it is **117.7940, -24.0554, 62.4477**.

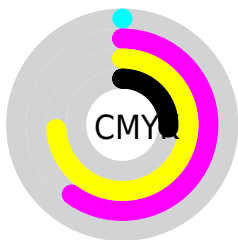
Distribution



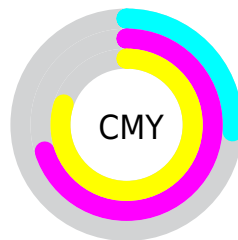
- Red (74%)
- Green (30%)
- Blue (20%)



- Red (74%)
- Yellow (32%)
- Blue (20%)



- Cyan (0%)
- Magenta (60%)
- Yellow (74%)
- Black (26%)




- Cyan (26%)
- Magenta (70%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.8230, -28.0137, 72.0692 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 106.8230, -28.0137, 72.0692 by changing the saturation by 10% instead.


 106.8230,
-28.0137, 72.0692

 106.8230,
-28.0137, 72.0692


255.0000, 0.0000,
0.0000


 80.0830, -25.6769,
69.2102


 161.9440,
-31.5244, 78.1021


 51.3540, -23.3455,
68.0955


 181.8390,
-29.0076, 64.1622


 29.6010, -14.5933,
60.8629

 201.2390,
-25.7538, 47.1484

 20.9300, -10.3185,
43.0344

 220.7530,
-22.0632, 30.0346

 13.2700, -6.0491,
26.9502

 240.8540,
-18.6620, 12.4060

 0.0000, 0.0000,
0.0000

 252.3780,

-10.0464, 2.2995

■ 106.8230,
-28.0137, 72.0692

■ 106.8230,
-28.0137, 72.0692

■ 95.8520, -31.9720,
81.6908

■ 117.7940,
-24.0554, 62.4477

■ 84.2940, -35.6409,
91.8272

■ 129.3520,
-20.3865, 52.3113

■ 77.0560, -37.9886,
98.1749

■ 140.3230,
-16.4282, 42.6897

■ 151.2940,
-12.4699, 33.0682

■ 162.8520, -8.8010,
22.9318

■ 173.7090, -5.2795,
13.4102

■ 185.2670, -1.6106,
3.2738

■ 196.2380, 2.3477,
-6.3477

■ 207.2090, 6.3060,
-15.9693

Harmonies

Analogous

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



105.6650, -4.7648, 81.8548



106.8230, -28.0137, 72.0692



105.4800, -51.5086, 47.8140

Triad

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



106.8230, -28.0137, 72.0692



86.3760, -4.1294, -75.7518



90.7660, 58.2894, -76.0938

Complementary

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



106.8230, -28.0137, 72.0692



132.1770, 28.0137, -72.0692

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.



97.3320, 53.0803, -85.3602



106.8230, -28.0137, 72.0692



93.3640, 17.5685, -81.8802

Square

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



106.8230, -28.0137, 72.0692



96.6920, -33.3722, -29.5479



98.0210, 37.9506, -85.9644



115.3990, 35.2993, 18.0671

Rectangle

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



106.8230, -28.0137, 72.0692



104.6360, -51.5855, 25.7522



98.0210, 37.9506, -85.9644



93.3200, 58.0162, -81.8416

Sweetspot

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



106.8230, -28.0137, 72.0692



213.0160, -10.8539, 28.0500



104.5570, 29.3054, 74.0565



103.7910, -6.3060, 15.9693



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.



106.8230, -28.0137, 72.0692



117.6510, -43.7049, 111.6851



147.3260, -47.9817, 36.5481



88.8650, -1.9054, 4.5034



64.8520, -31.9720, 81.6908



12.7910, -6.3060, 15.9693

Inverse Universe

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



132.1770, 28.0137, -72.0692



156.9360, 43.4156, -112.1999



91.6740, 47.9817, -36.5481



90.7220, 1.6161, -5.0182



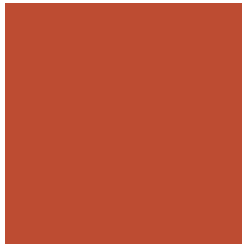
93.7350, 31.6826, -82.2056



18.2090, 6.3060, -15.9693

Previews

White Background



This preview shows how the YUV color 106.8230, -28.0137, 72.0692 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 106.8230, -28.0137, 72.0692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

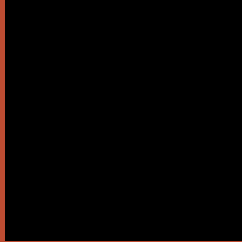
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.8230, -28.0137, 72.0692

Background



This preview shows how black text looks on a background with the YUV color 106.8230, -28.0137, 72.0692.



This preview shows how white text looks on a background with the YUV color 106.8230, -28.0137,

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

106.8230, -28.0137, 72.0692

Protanopia

110.4750, -23.8982, 11.8614

Deuteranopia

109.5710, -32.8195, 26.6862



Tritanopia

108.4390, -15.4994, 71.5290

Trichromacy



Original Color

106.8230, -28.0137, 72.0692

Protanomaly

109.5640, -25.4211, 33.7084

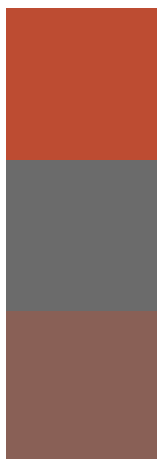
Deuteranomaly

108.8380, -30.9791, 43.1151

Tritanomaly

107.8860, -20.1568, 72.0140

Monochromacy



Original Color

106.8230, -28.0137, 72.0692

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.1190, -10.4117, 26.2056

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.8230, -28.0137, 72.0692 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, 76, 50)` looks like.

```
.text, #text, p{  
    color:rgb(189, 76, 50)  
}
```

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, 76, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 76, 50) }
```

Border

The CSS property to change the border of an element to YUV 106.8230, -28.0137, 72.0692 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, 76, 50) }
```


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

```
.border{ border-color:rgb(189, 76, 50) }
```

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

Here you see how a box with a 4 pixel rgb(189, 76, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 76, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 76, 50);  
box-shadow:4px 4px 4px 4px rgb(189, 76,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 106.8230, -28.0137, 72.0692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 76, 50) }
```

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

```
.background{ background-color: rgb(189, 76,  
50) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor