

Converting Colors

YUV(135.0740, -18.7705,
47.2931)

Have a look what the booklet for
YUV(135.0740, -18.7705, 47.2931)
contains.

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Color

**YUV(135.0740, -18.7705,
47.2931)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7361
RGB	189, 115, 97
RGB Percent	74%, 45%, 38%
CMY	0.2588, 0.5490, 0.6196
CMYK	0.00, 0.39, 0.49, 0.26
HSL	12°, 41%, 56%
HSV	12°, 49%, 74%
XYZ	29.2747, 23.9434, 14.3878
YIQ	135.0740, 49.8820, 10.0900

Conversions

Conversions Part 2

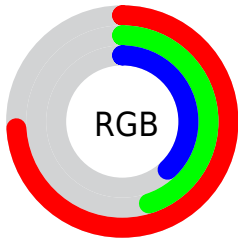
Format	Color
R_{YB}	189, 119, 97
Decimal	12415841
CIE Lab	56.03, 27.19, 22.32
CIE LCh	56, 35.178, 39.388
Yxy	23.9434, 0.4330, 0.3542
Android (android.graphics.Color)	4290605921 (0xFFBD7361)
YUV	135.0740, -18.7705, 47.2931
Hunter-Lab	48.9319, 21.1609, 16.8189

Details

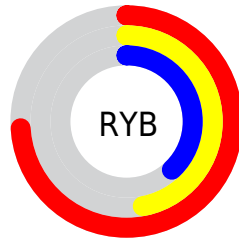
The YUV color **135.0740, -18.7705, 47.2931** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **150.9260, 18.7705, -47.2931**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.6400, -20.5285, 51.1817**, and **83.9100, -16.7176, 42.1749** is the 20% darker color. If you saturate the color by 10%, you get **124.1030, -22.7288, 56.9147**, and if you desaturate by 10%, it is **146.0450, -14.8122, 37.6715**.

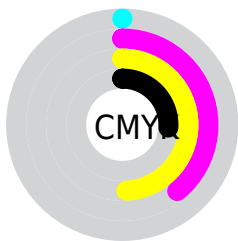
Distribution



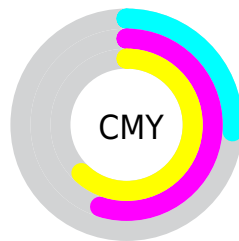
- Red (74%)
- Green (45%)
- Blue (38%)



- Red (74%)
- Yellow (47%)
- Blue (38%)



- Cyan (0%)
- Magenta (39%)
- Yellow (49%)
- Black (26%)



- Cyan (26%)
- Magenta (55%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.0740, -18.7705, 47.2931 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 135.0740, -18.7705, 47.2931 by changing the saturation by 10% instead.

■ 135.0740,
-18.7705, 47.2931

■ 135.0740,
-18.7705, 47.2931

■ 255.0000, 0.0000,
0.0000

■ 108.9920,
-17.7441, 44.7340

■ 189.6400,
-20.5285, 51.1817

■ 83.9100, -16.7176,
42.1749

■ 210.5460,
-18.0172, 38.9862

■ 59.3550, -14.9650,
40.0307

■ 230.1740,
-13.8898, 21.7724

■ 35.0450, -14.8122,
37.6715

■ 250.3890,
-10.0518, 4.0438

■ 15.5480, -7.6652,
31.9684

■ 6.5780, -3.2430,
13.5251

■ 0.0000, 0.0000,

0.0000

■ 135.0740,
-18.7705, 47.2931

■ 135.0740,
-18.7705, 47.2931

■ 124.1030,
-22.7288, 56.9147

■ 146.0450,
-14.8122, 37.6715

■ 113.1320,
-26.6871, 66.5362

■ 157.0160,
-10.8539, 28.0500

■ 101.5740,
-30.3560, 76.6726

■ 168.5740, -7.1850,
17.9136

■ 90.6030, -34.3143,
86.2942

■ 179.5450, -3.2267,
8.2920

■ 79.6320, -38.2726,
95.9157

■ 190.5160, 0.7316,
-1.3295

■ 78.2300, -38.5674,
97.1453

■ 201.3730, 4.2531,
-10.8511

■ 212.3440, 8.2114,
-20.4727

■ 223.9020, 11.8803,
-30.6091

■ 233.5050, 10.5970,
-39.0309

Harmonies

Analogous

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



136.6410, -5.2460, 49.4268



135.0740, -18.7705, 47.2931



133.2820, -27.7470, 33.0787

Triad

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



135.0740, -18.7705, 47.2931



121.7590, -4.8112, -43.6386



131.8700, 30.6301, -24.4420

Complementary

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



135.0740, -18.7705, 47.2931



150.9260, 18.7705, -47.2931

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.



117.6750, 36.1492, -68.1210



135.0740, -18.7705, 47.2931



104.3520, 19.0535, -91.5167

Square

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



135.0740, -18.7705, 47.2931



127.5210, -20.4699, -14.4889



107.0710, 32.0100, -93.9013



137.7990, 21.7911, 10.7003

Rectangle

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



135.0740, -18.7705, 47.2931



131.7380, -29.4508, 19.5238



107.0710, 32.0100, -93.9013



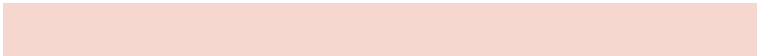
128.9500, 32.5627, -37.6671

Sweetspot

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



135.0740, -18.7705, 47.2931



223.1720, -7.4798, 19.1432



133.0580, 19.1984, 49.0611



109.5130, -4.6899, 10.9511



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.



135.0740, -18.7705, 47.2931



161.8940, -29.0347, 72.8840



161.4890, -31.7931, 24.1271



88.8650, -1.9054, 4.5034



65.4390, -32.2614, 81.1760



12.7910, -6.3060, 15.9693

Inverse Universe

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



150.9260, 18.7705, -47.2931



186.1060, 29.0347, -72.8840



124.5110, 31.7931, -24.1271



90.7220, 1.6161, -5.0182



92.5610, 32.2614, -81.1760



18.2090, 6.3060, -15.9693

Previews

White Background



This preview shows how the YUV color 135.0740, -18.7705, 47.2931 looks on a white background.

Color Contrast Check

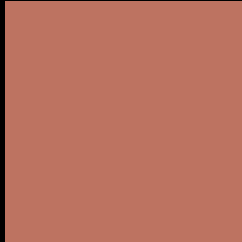
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 135.0740, -18.7705, 47.2931 looks on a black 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

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

YUV 135.0740, -18.7705, 47.2931 Background



This preview shows how black text looks on a background with the YUV color 135.0740, -18.7705, 47.2931.



This preview shows how white text looks on a background with the YUV color 135.0740, -18.7705,

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

135.0740, -18.7705, 47.2931

Protanopia

134.0860, -13.8464, 7.8176

Deuteranopia

134.2790, -19.8575, 22.5573



Tritanopia

136.5330, -8.1508, 47.7676

Trichromacy



Original Color

135.0740, -18.7705, 47.2931

Protanomaly

134.7180, -15.6370, 22.1723

Deuteranomaly

134.7470, -19.5953, 31.7939

Tritanomaly

135.9090, -11.7871, 47.4378

Monochromacy



Original Color

135.0740, -18.7705, 47.2931

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.2750, -7.0376, 17.2988

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.0740, -18.7705, 47.2931 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, 115, 97)` looks like.

```
.text, #text, p{  
    color:rgb(189, 115, 97)  
}
```

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, 115, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 115, 97) }
```

Border

The CSS property to change the border of an element to YUV 135.0740, -18.7705, 47.2931 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, 115, 97) }
```


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

```
.border{ border-color:rgb(189, 115, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 115, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 115, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 115, 97);  
box-shadow:4px 4px 4px 4px rgb(189, 115,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 135.0740, -18.7705, 47.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 115, 97) }
```

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

```
.background{ background-color: rgb(189,  
115, 97) }
```

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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