

Converting Colors

YUV(136.2650, -21.8226,
46.2486)

Have a look what the booklet for
YUV(136.2650, -21.8226, 46.2486)
contains.

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Color

**YUV(136.2650, -21.8226,
46.2486)**

Conversions

Conversions Part 1

Format	Color
Hex	BD765C
RGB	189, 118, 92
RGB Percent	74%, 46%, 36%
CMY	0.2588, 0.5373, 0.6392
CMYK	0.00, 0.38, 0.51, 0.26
HSL	16°, 42%, 55%
HSV	16°, 51%, 74%
XYZ	29.3965, 24.5484, 13.3142
YIQ	136.2650, 50.6620, 6.9660

Conversions

Conversions Part 2

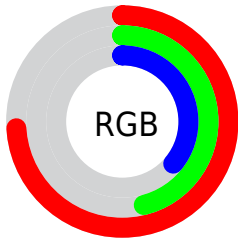
Format	Color
R_{YB}	189, 128, 92
Decimal	12416604
CIE Lab	56.63, 25.06, 25.96
CIE LCh	57, 36.083, 46.008
Yxy	24.5484, 0.4371, 0.3650
Android (android.graphics.Color)	4290606684 (0xFFBD765C)
YUV	136.2650, -21.8226, 46.2486
Hunter-Lab	49.5463, 19.2002, 18.7499

Details

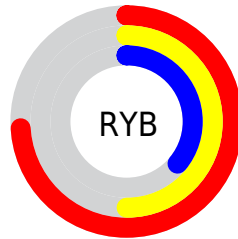
The YUV color **136.2650, -21.8226, 46.2486** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **144.7350, 21.8226, -46.2486**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.8310, -23.5807, 50.1372**, and **85.2150, -19.3330, 41.0304** is the 20% darker color. If you saturate the color by 10%, you get **125.8810, -26.0703, 55.3554**, and if you desaturate by 10%, it is **146.6490, -17.5750, 37.1418**.

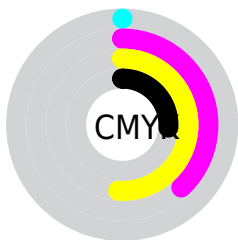
Distribution



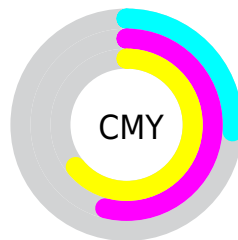
- Red (74%)
- Green (46%)
- Blue (36%)



- Red (74%)
- Yellow (50%)
- Blue (36%)



- Cyan (0%)
- Magenta (38%)
- Yellow (51%)
- Black (26%)





- Cyan (26%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.2650, -21.8226, 46.2486 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 136.2650, -21.8226, 46.2486 by changing the saturation by 10% instead.


 136.2650,
-21.8226, 46.2486


 136.2650,
-21.8226, 46.2486


255.0000, 0.0000,
0.0000


 110.1830,
-20.7962, 43.6895


 190.8310,
-23.5807, 50.1372


 85.2150, -19.3330,
41.0304


 211.7370,
-21.0693, 37.9417

 60.5460, -18.0172,
38.9862


 231.2510,
-17.3787, 20.8279

 36.8230, -18.1537,
36.1122

 251.4660,
-13.5407, 3.0993

 16.1350, -7.9546,
31.4536

254.7720, -0.8736,
0.2000

 6.8770, -3.3904,
14.1399

 0.0000, 0.0000,

0.0000

■ 136.2650,
-21.8226, 46.2486

■ 136.2650,
-21.8226, 46.2486

■ 125.8810,
-26.0703, 55.3554

■ 146.6490,
-17.5750, 37.1418

■ 115.4970,
-30.3180, 64.4621

■ 157.0330,
-13.3273, 28.0351

■ 105.1130,
-34.5657, 73.5689

■ 167.4170, -9.0796,
18.9283

■ 95.3160, -39.1028,
82.1609

■ 177.2140, -4.5425,
10.3363

■ 86.4480, -42.6189,
89.9381

■ 187.5980, -0.2948,
1.2296

■ 197.8680, 3.5161,
-7.7772

■ 208.2520, 7.7638,
-16.8840

■ 218.6360, 12.0115,
-25.9908

■ 228.2220, 13.2016,
-34.3977

Harmonies

Analogous

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



137.4410, -8.5984, 51.3562



136.2650, -21.8226, 46.2486



134.5050, -29.3360, 29.3751

Triad

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



136.2650, -21.8226, 46.2486



120.2570, -0.1267, -52.8454



135.0990, 30.0242, -16.7498

Complementary

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



136.2650, -21.8226, 46.2486



144.7350, 21.8226, -46.2486

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.



122.7300, 36.1221, -59.3992



136.2650, -21.8226, 46.2486



106.5520, 22.4059, -93.4461

Square

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



136.2650, -21.8226, 46.2486



127.7590, -18.1222, -20.8366



108.5700, 35.2150, -95.2159



139.3870, 20.0222, 18.0776

Rectangle

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



136.2650, -21.8226, 46.2486



132.8900, -30.0188, 15.0055



108.5700, 35.2150, -95.2159



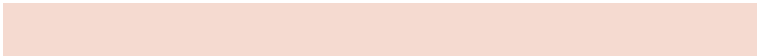
132.2930, 32.3936, -30.0750

Sweetspot

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



136.2650, -21.8226, 46.2486



224.9330, -8.3480, 17.5988



129.0970, 16.7142, 52.5349



110.1000, -4.9793, 10.4363



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.



136.2650, -21.8226, 46.2486



162.5150, -34.2709, 72.3393



164.4410, -35.7134, 21.5382



88.8650, -1.9054, 4.5034



71.8960, -35.4447, 75.5132



13.9650, -6.8847, 14.9397

Inverse Universe

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



144.7350, 21.8226, -46.2486



175.4850, 34.2709, -72.3393



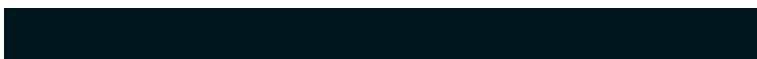
116.5590, 35.7134, -21.5382



90.1350, 1.9054, -4.5034



86.1040, 35.4447, -75.5132



16.4480, 7.1741, -14.4249

Previews

White Background



This preview shows how the YUV color 136.2650, -21.8226, 46.2486 looks on a white background.

Color Contrast Check

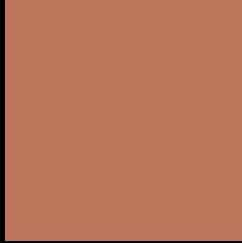
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.2650, -21.8226, 46.2486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

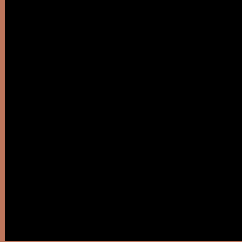
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.2650, -21.8226, 46.2486

Background



This preview shows how black text looks on a background with the YUV color 136.2650, -21.8226, 46.2486.



This preview shows how white text looks on a background with the YUV color 136.2650, -21.8226,

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

136.2650, -21.8226, 46.2486

Protanopia

134.8860, -17.1988, 9.7470

Deuteranopia

135.6060, -22.4838, 24.9015



Tritanopia

137.9350, -7.8560, 46.5380

Trichromacy



Original Color

136.2650, -21.8226, 46.2486

Protanomaly

135.2190, -18.8420, 23.4869

Deuteranomaly

136.0630, -22.2161, 32.3937

Tritanomaly

136.9690, -12.8027, 46.5082

Monochromacy



Original Color

136.2650, -21.8226, 46.2486

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.7480, -7.7638, 16.8840

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.2650, -21.8226, 46.2486 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, 118, 92)` looks like.

```
.text, #text, p{  
    color:rgb(189, 118, 92)  
}
```

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, 118, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 118, 92) }
```

Border

The CSS property to change the border of an element to YUV 136.2650, -21.8226, 46.2486 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, 118, 92) }
```


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

```
.border{ border-color:rgb(189, 118, 92) }
```

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

Here you see how a box with a 4 pixel rgb(189, 118, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 118, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 118, 92);  
box-shadow:4px 4px 4px 4px rgb(189, 118,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 136.2650, -21.8226, 46.2486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 118, 92) }
```

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

```
.background{ background-color: rgb(189,  
118, 92) }
```

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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