

Converting Colors

YUV(131.8670, -14.7244,
56.2446)

Have a look what the booklet for
YUV(131.8670, -14.7244, 56.2446)
contains.

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Color

**YUV(131.8670, -14.7244,
56.2446)**

Conversions

Conversions Part 1

Format	Color
Hex	C46966
RGB	196, 105, 102
RGB Percent	77%, 41%, 40%
CMY	0.2314, 0.5882, 0.6000
CMYK	0.00, 0.46, 0.48, 0.23
HSL	2°, 44%, 58%
HSV	2°, 48%, 77%
XYZ	30.2148, 22.7982, 15.3784
YIQ	131.8670, 55.1990, 18.3590

Conversions

Conversions Part 2

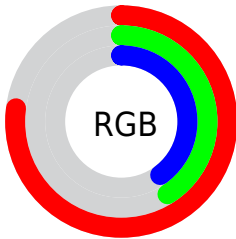
Format	Color
R_{YB}	196, 105, 102
Decimal	12872038
CIE Lab	54.86, 35.80, 18.02
CIE LCh	55, 40.077, 26.727
Yxy	22.7982, 0.4418, 0.3333
Android (android.graphics.Color)	4291062118 (0xFFC46966)
YUV	131.8670, -14.7244, 56.2446
Hunter-Lab	47.7475, 29.3974, 14.3273

Details

The YUV color **131.8670, -14.7244, 56.2446** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **166.1330, 14.7244, -56.2446**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.4330, -16.4825, 60.1333**, and **80.1160, -12.3822, 51.6413** is the 20% darker color. If you saturate the color by 10%, you get **118.4340, -17.9620, 68.0254**, and if you desaturate by 10%, it is **145.3000, -11.4869, 44.4639**.

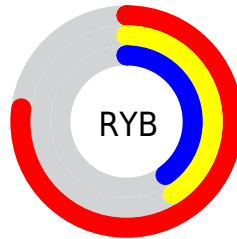
Distribution



Red (77%)

Green (41%)

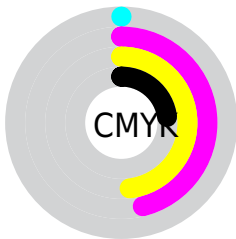
Blue (40%)



Red (77%)

Yellow (41%)

Blue (40%)

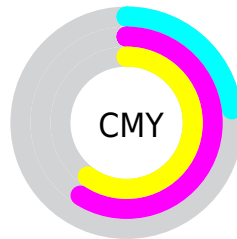


Cyan (0%)

Magenta (46%)

Yellow (48%)

Black (23%)



Cyan (23%)

Magenta (59%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 131.8670, -14.7244, 56.2446 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 131.8670, -14.7244, 56.2446 by changing the saturation by 10% instead.


 131.8670,
-14.7244, 56.2446


 131.8670,
-14.7244, 56.2446


255.0000, 0.0000,
0.0000

 105.7850,
-13.6980, 53.6856


 186.4330,
-16.4825, 60.1333


 80.1160, -12.3822,
51.6413


 205.3600,
-12.5025, 43.5343


 54.6750, -10.1928,
49.3970

 224.8740, -8.8119,
26.4205

 26.1850, -6.9932,
49.8268

 245.0890, -4.9739,
8.6919

 17.0430, -8.4022,
35.0423

 8.1870, -3.5432,
16.4990

 0.0000, 0.0000,

0.0000

■ 131.8670,
-14.7244, 56.2446

■ 131.8670,
-14.7244, 56.2446

■ 118.4340,
-17.9620, 68.0254

■ 145.3000,
-11.4869, 44.4639

■ 105.1150,
-20.7627, 79.7061

■ 158.6190, -8.6862,
32.7831

■ 91.6820, -24.0002,
91.4869

■ 172.0520, -5.4486,
21.0024

■ 78.3630, -26.8010,
103.1676

■ 185.3710, -2.6479,
9.3216

■ 64.9300, -30.0385,
114.9484

■ 198.8040, 0.5896,
-2.4591

■ 62.1260, -30.6281,
117.4075

■ 212.2370, 3.8272,
-14.2398

■ 225.5560, 6.6279,
-25.9206

■ 237.3590, 8.6970,
-36.2718

Harmonies

Analogous

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



133.7860, 1.5845, 51.9307



131.8670, -14.7244, 56.2446



130.3590, -27.7850, 45.2892

Triad

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



131.8670, -14.7244, 56.2446



118.9250, -13.2740, -35.8912



120.8710, 39.0106, -52.5069

Complementary

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



131.8670, -14.7244, 56.2446



166.1330, 14.7244, -56.2446

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.



106.6610, 40.5931, -93.5417



131.8670, -14.7244, 56.2446



101.8270, 11.9173, -89.3023

Square

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



131.8670, -14.7244, 56.2446



125.4100, -28.7961, -3.8676



105.8170, 27.2052, -92.8015



133.0620, 29.5494, -4.4394

Rectangle

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



131.8670, -14.7244, 56.2446



129.3050, -32.6884, 31.3045



105.8170, 27.2052, -92.8015



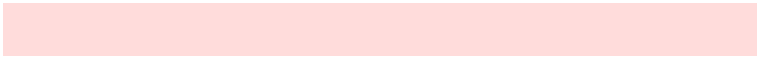
109.5470, 43.6073, -80.2867

Sweetspot

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



131.8670, -14.7244, 56.2446



230.3510, -5.5960, 21.6172



140.5940, 26.3292, 48.5911



113.1650, -3.5323, 13.0103



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



131.8670, -14.7244, 56.2446



154.1870, -23.2632, 88.4130



158.8690, -28.0364, 32.5639



90.5770, -1.7635, 5.6330



51.0740, -25.1795, 96.4051



10.4540, -5.1538, 19.7728

Inverse Universe

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



166.1330, 14.7244, -56.2446



207.8130, 23.2632, -88.4130



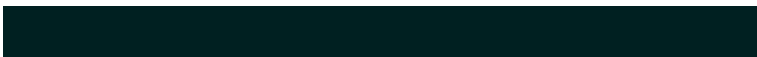
139.1310, 28.0364, -32.5639



94.0100, 1.4741, -6.1478



109.9260, 25.1795, -96.4051



22.5460, 5.1538, -19.7728

Previews

White Background



This preview shows how the YUV color 131.8670, -14.7244, 56.2446 looks on a white background.

Color Contrast Check

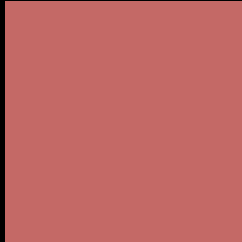
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.8670, -14.7244, 56.2446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

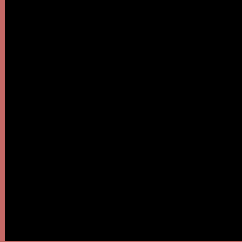
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.8670, -14.7244, 56.2446

Background



This preview shows how black text looks on a background with the YUV color 131.8670, -14.7244, 56.2446.



This preview shows how white text looks on a background with the YUV color 131.8670, -14.7244,

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

131.8670, -14.7244, 56.2446

Protanopia

131.2690, -8.0206, 5.9031

Deuteranopia

131.4790, -16.5051, 20.6279



Tritanopia

132.6050, -10.6513, 56.4744

Trichromacy



Original Color

131.8670, -14.7244, 56.2446

Protanomaly

131.6950, -10.6956, 23.9465

Deuteranomaly

131.3820, -15.9643, 33.8680

Tritanomaly

132.2630, -11.9617, 56.7743

Monochromacy



Original Color

131.8670, -14.7244, 56.2446

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.7530, -5.3012, 20.3876

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.8670, -14.7244, 56.2446 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(196, 105, 102)` looks like.

```
.text, #text, p{  
    color:rgb(196, 105, 102)  
}
```

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(196, 105, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 105, 102) }
```

Border

The CSS property to change the border of an element to YUV 131.8670, -14.7244, 56.2446 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(196, 105, 102) }
```


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

```
.border{ border-color:rgb(196, 105, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 105, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 105, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 105, 102);  
box-shadow:4px 4px 4px 4px rgb(196, 105,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 131.8670, -14.7244, 56.2446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 105, 102) }
```

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

```
.background{ background-color: rgb(196,  
105, 102) }
```

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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