

Converting Colors

YUV(133.7040, -14.1511,
59.0186)

Have a look what the booklet for
YUV(133.7040, -14.1511, 59.0186)
contains.

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Color

**YUV(133.7040, -14.1511,
59.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	C96969
RGB	201, 105, 105
RGB Percent	79%, 41%, 41%
CMY	0.2118, 0.5882, 0.5882
CMYK	0.00, 0.48, 0.48, 0.21
HSL	0°, 47%, 60%
HSV	0°, 48%, 79%
XYZ	31.6888, 23.5406, 16.2382
YIQ	133.7040, 57.2160, 20.3520

Conversions

Conversions Part 2

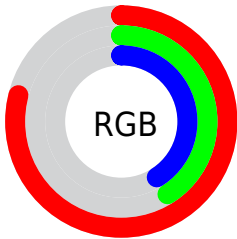
Format	Color
R_{YB}	201, 105, 105
Decimal	13199721
CIE Lab	55.62, 37.98, 17.43
CIE LCh	56, 41.785, 24.654
Yxy	23.5406, 0.4434, 0.3294
Android (android.graphics.Color)	4291389801 (0xFFC96969)
YUV	133.7040, -14.1511, 59.0186
Hunter-Lab	48.5186, 31.6753, 14.1199

Details

The YUV color **133.7040, -14.1511, 59.0186** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **172.2960, 14.1511, -59.0186**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.7750, -15.1721, 59.8333**, and **81.0670, -11.3720, 54.3152** is the 20% darker color. If you saturate the color by 10%, you get **119.6840, -17.0992, 71.3141**, and if you desaturate by 10%, it is **147.7240, -11.2029, 46.7231**.

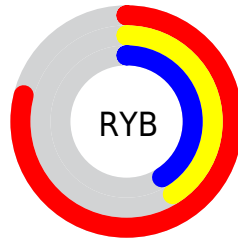
Distribution



Red (79%)

Green (41%)

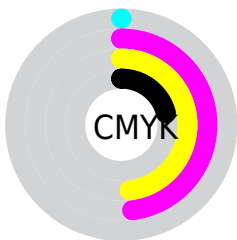
Blue (41%)



Red (79%)

Yellow (41%)

Blue (41%)

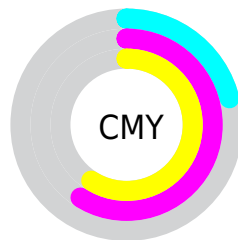


Cyan (0%)

Magenta (48%)

Yellow (48%)

Black (21%)



Cyan (21%)


Magenta (59%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.7040, -14.1511, 59.0186 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 133.7040, -14.1511, 59.0186 by changing the saturation by 10% instead.


 133.7040,
-14.1511, 59.0186


 133.7040,
-14.1511, 59.0186


255.0000, 0.0000,
0.0000


 107.0350,
-12.8353, 56.9743


 186.7750,
-15.1721, 59.8333


 81.0670, -11.3720,
54.3152


 206.2890,
-11.4815, 42.7195


 54.9250, -9.3300,
52.6858

 225.9170, -7.3541,
25.5058

 27.8370, -5.8356,
51.8860

 246.1320, -3.5161,
7.7772

 18.2390, -8.9918,
37.5014

 9.9810, -4.4276,
20.1877

 0.0000, 0.0000,

0.0000

■ 133.7040,
-14.1511, 59.0186

■ 133.7040,
-14.1511, 59.0186

■ 119.6840,
-17.0992, 71.3141

■ 147.7240,
-11.2029, 46.7231

■ 105.6640,
-20.0474, 83.6097

■ 161.7440, -8.2548,
34.4275

■ 91.6440, -22.9955,
95.9052

■ 175.7640, -5.3067,
22.1320

■ 77.6240, -25.9436,
108.2008

■ 189.7840, -2.3585,
9.8364

■ 63.6040, -28.8918,
120.4963

■ 204.5050, 0.7370,
-3.0739

■ 60.0990, -29.6288,
123.5702

■ 218.5250, 3.6852,
-15.3694

■ 232.5450, 6.6333,
-27.6650

■ 238.8540, 7.9600,
-33.1980

Harmonies

Analogous

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



135.4380, 2.7421, 53.9899



133.7040, -14.1511, 59.0186



132.5550, -28.3746, 47.7483

Triad

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



133.7040, -14.1511, 59.0186



121.3550, -15.4580, -35.3913



119.6140, 42.0953, -61.9285

Complementary

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



133.7040, -14.1511, 59.0186



172.2960, 14.1511, -59.0186

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.



108.1770, 41.3247, -94.8712



133.7040, -14.1511, 59.0186



102.8870, 10.9017, -90.2319

Square

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



133.7040, -14.1511, 59.0186



126.9650, -30.5487, -1.7233



107.1050, 27.0632, -93.9311



134.3220, 31.8863, -7.2984

Rectangle

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



133.7040, -14.1511, 59.0186



131.5720, -34.2990, 34.5784



107.1050, 27.0632, -93.9311



106.4960, 47.5765, -93.3970

Sweetspot

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



133.7040, -14.1511, 59.0186



229.7640, -5.3067, 22.1320



144.6480, 27.7815, 49.4207



112.5780, -3.2430, 13.5251



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.



133.7040, -14.1511, 59.0186



153.3550, -21.3740, 89.1427



161.8800, -28.0418, 34.3082



92.6910, -1.3267, 5.5330



48.7370, -24.0273, 100.2087



10.7640, -5.3067, 22.1320

Inverse Universe

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



172.2960, 14.1511, -59.0186



211.6450, 21.3740, -89.1427



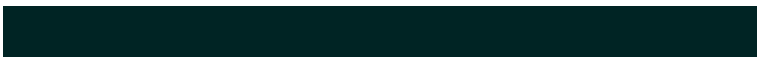
144.1200, 28.0418, -34.3082



96.3090, 1.3267, -5.5330



114.2630, 24.0273, -100.2087



25.2360, 5.3067, -22.1320

Previews

White Background



This preview shows how the YUV color 133.7040, -14.1511, 59.0186 looks on a white background.

Color Contrast Check

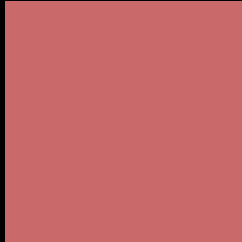
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.7040, -14.1511, 59.0186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

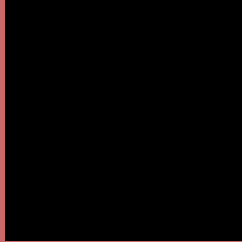
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.7040, -14.1511, 59.0186

Background



This preview shows how black text looks on a background with the YUV color 133.7040, -14.1511, 59.0186.



This preview shows how white text looks on a background with the YUV color 133.7040, -14.1511,

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

133.7040, -14.1511, 59.0186

Protanopia

133.4970, -7.1470, 5.7031

Deuteranopia

133.5930, -16.0683, 20.5279



Tritanopia

133.8010, -11.2409, 58.9335

Trichromacy



Original Color

133.7040, -14.1511, 59.0186

Protanomaly

133.6350, -9.6801, 24.8761

Deuteranomaly

133.7950, -15.6749, 34.3828

Tritanomaly

133.5730, -12.1145, 59.1335

Monochromacy



Original Color

133.7040, -14.1511, 59.0186

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.4650, -5.1592, 21.5172

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.7040, -14.1511, 59.0186 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(201, 105, 105)` looks like.

```
.text, #text, p{  
    color:rgb(201, 105, 105)  
}
```

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(201, 105, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 105, 105) }
```

Border

The CSS property to change the border of an element to YUV 133.7040, -14.1511, 59.0186 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(201, 105, 105) }
```


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

```
.border{ border-color:rgb(201, 105, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 105, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 105, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 105, 105);  
box-shadow:4px 4px 4px 4px rgb(201, 105,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 133.7040, -14.1511, 59.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 105, 105) }
```

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

```
.background{ background-color: rgb(201,  
105, 105) }
```

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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