

Converting Colors

YUV(133.4640, -10.0888,
62.7371)

Have a look what the booklet for
YUV(133.4640, -10.0888, 62.7371)
contains.

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Color

**YUV(133.4640, -10.0888,
62.7371)**

Conversions

Conversions Part 1

Format	Color
Hex	CD6571
RGB	205, 101, 113
RGB Percent	80%, 40%, 44%
CMY	0.1961, 0.6039, 0.5569
CMYK	0.00, 0.51, 0.45, 0.20
HSL	353°, 51%, 60%
HSV	353°, 51%, 80%
XYZ	32.8112, 23.4788, 18.4253
YIQ	133.4640, 58.1320, 25.7800

Conversions

Conversions Part 2

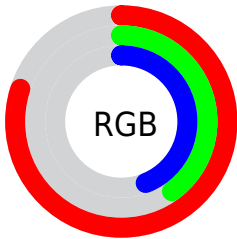
Format	Color
R_{YB}	205, 101, 113
Decimal	13460849
CIE _{Lab}	55.56, 42.29, 12.76
CIE _{LCh}	56, 44.175, 16.788
Yxy	23.4788, 0.4391, 0.3142
Android (android.graphics.Color)	4291650929 (0xFFCD6571)
YUV	133.4640, -10.0888, 62.7371
Hunter-Lab	48.4549, 36.0750, 11.3730

Details

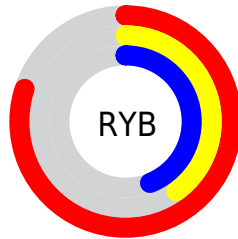
The YUV color **133.4640, -10.0888, 62.7371** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **172.5360, 10.0888, -62.7371**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.4530, -10.0833, 60.9927**, and **80.1260, -7.4571, 58.6485** is the 20% darker color. If you saturate the color by 10%, you get **119.6720, -12.1633, 74.8327**, and if you desaturate by 10%, it is **147.8430, -8.3036, 50.1267**.

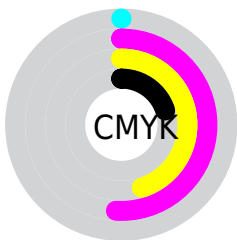
Distribution



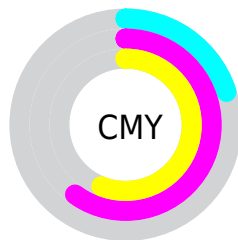
- Red (80%)
- Green (40%)
- Blue (44%)



- Red (80%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (51%)
- Yellow (45%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.4640, -10.0888, 62.7371 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 133.4640, -10.0888, 62.7371 by changing the saturation by 10% instead.


 133.4640,
-10.0888, 62.7371

 133.4640,
-10.0888, 62.7371


255.0000, 0.0000,
0.0000


 106.7950, -8.7729,
60.6928


 185.4530,
-10.0833, 60.9927


 80.1260, -7.4571,
58.6485


 204.9670, -6.3927,
43.8789


 52.8100, -4.8363,
58.0486

 224.5950, -2.2653,
26.6652

 29.8310, -3.3677,
53.6452

 244.8100, 1.5727,
8.9366

 19.1360, -9.4340,
39.3457

 11.1770, -5.0173,
22.6468

 0.0000, 0.0000,

0.0000

■ 133.4640,
-10.0888, 62.7371

■ 133.4640,
-10.0888, 62.7371

■ 119.6720,
-12.1633, 74.8327

■ 147.8430, -8.3036,
50.1267

■ 105.2930,
-13.9484, 87.4430

■ 161.6350, -6.2291,
38.0311

■ 90.9140, -15.7336,
100.0534

■ 176.0140, -4.4439,
25.4207

■ 77.0080, -18.2449,
112.2490

■ 189.9200, -1.9326,
13.2252

■ 64.0310, -19.7353,
123.6298

■ 204.2990, -0.1474,
0.6148

■ 218.0910, 1.9271,
-11.4808

■ 232.4700, 3.7123,
-24.0912

■ 240.0500, 7.3704,
-30.7388

Harmonies

Analogous

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



135.5070, 8.1310, 52.1754



133.4640, -10.0888, 62.7371



132.4680, -26.3597, 54.8406

Triad

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



133.4640, -10.0888, 62.7371



122.5040, -21.4475, -27.6290



106.9520, 49.3237, -93.7969

Complementary

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



133.4640, -10.0888, 62.7371



172.5360, 10.0888, -62.7371

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.



109.4820, 38.7094, -96.0157



133.4640, -10.0888, 62.7371



102.8290, 5.5073, -86.6730

Square

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



133.4640, -10.0888, 62.7371



127.4560, -35.2278, 5.7391



106.7800, 23.2795, -93.6461



131.7870, 36.5870, -21.7382

Rectangle

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



133.4640, -10.0888, 62.7371



131.0290, -34.0313, 42.0706



106.7800, 23.2795, -93.6461



108.2570, 46.7083, -94.9414

Sweetspot

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



133.4640, -10.0888, 62.7371



228.8180, -3.8543, 22.9616



140.3640, 31.8655, 46.1618



112.1050, -2.5168, 13.9399



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.



133.4640, -10.0888, 62.7371



147.6960, -15.1331, 94.1056



155.5760, -26.9060, 43.3448



95.1040, -1.0373, 6.0478



51.8000, -16.1704, 100.1534



11.8180, -3.8543, 22.9616

Inverse Universe

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



133.4640, -10.0888, 62.7371



147.6960, -15.1331, 94.1056



150.4240, 26.9060, -43.3448



95.1040, -1.0373, 6.0478



51.8000, -16.1704, 100.1534



11.8180, -3.8543, 22.9616

Previews

White Background



This preview shows how the YUV color 133.4640, -10.0888, 62.7371 looks on a white background.

Color Contrast Check

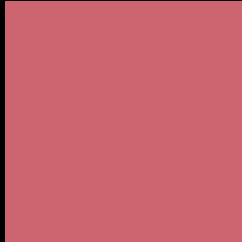
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.4640, -10.0888, 62.7371 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 133.4640, -10.0888, 62.7371

Background



This preview shows how black text looks on a background with the YUV color 133.4640, -10.0888, 62.7371.



This preview shows how white text looks on a background with the YUV color 133.4640, -10.0888, 62.7371.

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

133.4640, -10.0888, 62.7371

Protanopia

133.8540, -1.9000, 2.7590

Deuteranopia

133.7930, -12.7159, 18.5985



Tritanopia

133.5950, -12.1253, 62.6222

Trichromacy



Original Color

133.4640, -10.0888, 62.7371

Protanomaly

133.6010, -4.7333, 24.9059

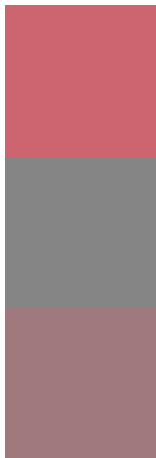
Deuteranomaly

133.5330, -11.6018, 34.6126

Tritanomaly

133.7090, -11.6885, 62.5222

Monochromacy



Original Color

133.4640, -10.0888, 62.7371

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9320, -3.4175, 22.8616

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.4640, -10.0888, 62.7371 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(205, 101, 113)` looks like.

```
.text, #text, p{  
    color:rgb(205, 101, 113)  
}
```

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(205, 101, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 101, 113) }
```

Border

The CSS property to change the border of an element to YUV 133.4640, -10.0888, 62.7371 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(205, 101, 113) }
```


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

```
.border{ border-color:rgb(205, 101, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 101, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 101, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 101, 113);  
box-shadow:4px 4px 4px 4px rgb(205, 101,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 133.4640, -10.0888, 62.7371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 101, 113) }
```

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

```
.background{ background-color: rgb(205,  
101, 113) }
```

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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