

Converting Colors

YUV(133.1770, -14.8773,
58.6038)

Have a look what the booklet for
YUV(133.1770, -14.8773, 58.6038)
contains.

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Color

**YUV(133.1770, -14.8773,
58.6038)**

Conversions

Conversions Part 1

Format	Color
Hex	C86967
RGB	200, 105, 103
RGB Percent	78%, 41%, 40%
CMY	0.2157, 0.5882, 0.5961
CMYK	0.00, 0.48, 0.48, 0.22
HSL	1°, 47%, 59%
HSV	1°, 48%, 78%
XYZ	31.3192, 23.3618, 15.6905
YIQ	133.1770, 57.2620, 19.5180

Conversions

Conversions Part 2

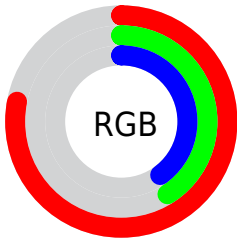
Format	Color
R _Y B	200, 105, 103
Decimal	13134183
CIE Lab	55.44, 37.41, 18.32
CIE LCh	55, 41.653, 26.097
Yxy	23.3618, 0.4451, 0.3320
Android (android.graphics.Color)	4291324263 (0xFFC86967)
YUV	133.1770, -14.8773, 58.6038
Hunter-Lab	48.3340, 31.0787, 14.5867

Details

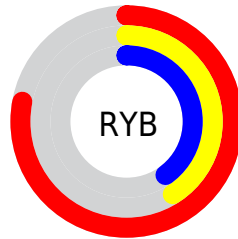
The YUV color **133.1770, -14.8773, 58.6038** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **169.8230, 14.8773, -58.6038**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.5470, -16.0457, 60.0333**, and **80.5400, -12.0982, 53.9004** is the 20% darker color. If you saturate the color by 10%, you get **119.1570, -17.8254, 70.8993**, and if you desaturate by 10%, it is **147.1970, -11.9291, 46.3082**.

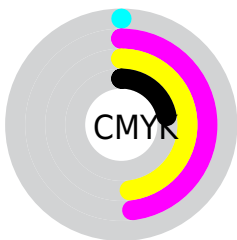
Distribution



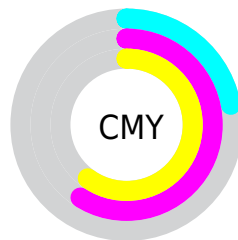
- Red (78%)
- Green (41%)
- Blue (40%)



- Red (78%)
- Yellow (41%)
- Blue (40%)



- Cyan (0%)
- Magenta (48%)
- Yellow (48%)
- Black (22%)



- Cyan (22%)
- Magenta (59%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.1770, -14.8773, 58.6038 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 133.1770, -14.8773, 58.6038 by changing the saturation by 10% instead.

■ 133.1770,
-14.8773, 58.6038

■ 133.1770,
-14.8773, 58.6038

■ 255.0000, 0.0000,
0.0000

■ 106.5080,
-13.5614, 56.5595

■ 186.5470,
-16.0457, 60.0333

■ 80.5400, -12.0982,
53.9004

■ 206.0610,
-12.3551, 42.9195

■ 55.0990, -9.9088,
51.6562

■ 225.5750, -8.6645,
25.8057

■ 27.3100, -6.5618,
51.4711

■ 245.3170, -4.1003,
8.4920

■ 17.9400, -8.8444,
36.8866

■ 9.3830, -4.1328,
18.9581

■ 0.0000, 0.0000,

0.0000

■ 133.1770,
-14.8773, 58.6038

■ 133.1770,
-14.8773, 58.6038

■ 119.1570,
-17.8254, 70.8993

■ 147.1970,
-11.9291, 46.3082

■ 105.7240,
-21.0629, 82.6801

■ 160.6300, -8.6916,
34.5275

■ 91.7040, -24.0111,
94.9756

■ 174.6500, -5.7434,
22.2320

■ 78.2710, -27.2486,
106.7563

■ 188.0830, -2.5059,
10.4512

■ 64.2510, -30.1967,
119.0519

■ 202.1030, 0.4422,
-1.8443

■ 62.1480, -30.6390,
120.8962

■ 216.1230, 3.3904,
-14.1399

■ 229.5560, 6.6279,
-25.9206

■ 238.5550, 8.1074,
-33.8127

Harmonies

Analogous

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



135.2100, 1.8685, 54.1898



133.1770, -14.8773, 58.6038



132.1420, -28.6640, 47.2335

Triad

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



133.1770, -14.8773, 58.6038



119.9850, -14.2896, -36.8208



120.5220, 41.6477, -58.3398

Complementary

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



133.1770, -14.8773, 58.6038



169.8230, 14.8773, -58.6038

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



133.1770, -14.8773, 58.6038



103.1150, 11.7753, -90.4319

Square

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



133.1770, -14.8773, 58.6038



126.3670, -30.2539, -2.9529



107.2190, 27.5000, -94.0311



134.2190, 31.4440, -5.4541

Rectangle

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



133.1770, -14.8773, 58.6038



130.9740, -34.0042, 33.3488



107.2190, 27.5000, -94.0311



105.7950, 47.4291, -92.7822

Sweetspot

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



133.1770, -14.8773, 58.6038



228.9490, -5.8909, 22.8467



142.8330, 27.1973, 50.1355



111.8770, -3.3904, 14.1399



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.



133.1770, -14.8773, 58.6038



153.0130, -22.6844, 89.4426



161.3530, -28.7680, 33.8934



92.6910, -1.3267, 5.5330



50.4980, -24.8955, 98.6643



11.3510, -5.5960, 21.6172

Inverse Universe

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



169.8230, 14.8773, -58.6038



208.9870, 22.6844, -89.4426



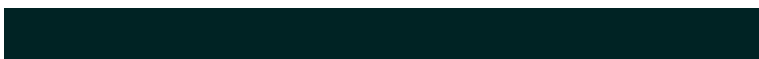
141.6470, 28.7680, -33.8934



96.3090, 1.3267, -5.5330



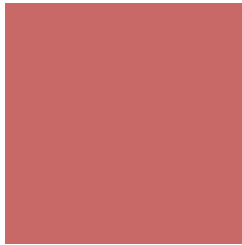
112.5020, 24.8955, -98.6643



24.6490, 5.5960, -21.6172

Previews

White Background



This preview shows how the YUV color 133.1770, -14.8773, 58.6038 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 133.1770, -14.8773, 58.6038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

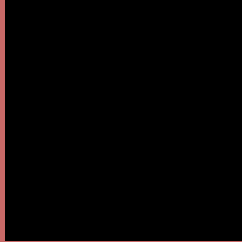
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.1770, -14.8773, 58.6038

Background



This preview shows how black text looks on a background with the YUV color 133.1770, -14.8773, 58.6038.



This preview shows how white text looks on a background with the YUV color 133.1770, -14.8773,

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

133.1770, -14.8773, 58.6038

Protanopia

133.1550, -8.4574, 6.0031

Deuteranopia

133.3650, -16.9419, 20.7279



Tritanopia

133.8010, -11.2409, 58.9335

Trichromacy



Original Color

133.1770, -14.8773, 58.6038

Protanomaly

133.2930, -10.9904, 25.1760

Deuteranomaly

133.5670, -16.5485, 34.5827

Tritanomaly

133.4590, -12.5513, 59.2335

Monochromacy



Original Color

133.1770, -14.8773, 58.6038

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0520, -5.4486, 21.0024

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1770, -14.8773, 58.6038 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(200, 105, 103)` looks like.

```
.text, #text, p{  
    color:rgb(200, 105, 103)  
}
```

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(200, 105, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 105, 103) }
```

Border

The CSS property to change the border of an element to YUV 133.1770, -14.8773, 58.6038 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(200, 105, 103) }
```


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

```
.border{ border-color:rgb(200, 105, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 105, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 105, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 105, 103);  
box-shadow:4px 4px 4px 4px rgb(200, 105,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 133.1770, -14.8773, 58.6038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 105, 103) }
```

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

```
.background{ background-color: rgb(200,  
105, 103) }
```

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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