

Converting Colors

YUV(135.7140, -12.6770,
52.8708)

Have a look what the booklet for
YUV(135.7140, -12.6770, 52.8708)
contains.

YUV(135.7140, -12.6770, 52.8708)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(135.7140, -12.6770,
52.8708)**

Conversions

Conversions Part 1

Format	Color
Hex	C46E6E
RGB	196, 110, 110
RGB Percent	77%, 43%, 43%
CMY	0.2314, 0.5686, 0.5686
CMYK	0.00, 0.44, 0.44, 0.23
HSL	0°, 42%, 60%
HSV	0°, 44%, 77%
XYZ	31.1554, 24.0134, 17.7448
YIQ	135.7140, 51.2560, 18.2320

Conversions

Conversions Part 2

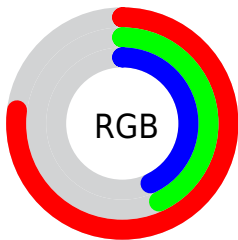
Format	Color
RYB	196, 110, 110
Decimal	12873326
CIELab	56.10, 33.97, 15.07
CIELCh	56, 37.159, 23.922
Yxy	24.0134, 0.4273, 0.3293
Android (android.graphics.Color)	4291063406 (0xFFC46E6E)
YUV	135.7140, -12.6770, 52.8708
Hunter-Lab	49.0035, 27.7303, 12.8327

Details

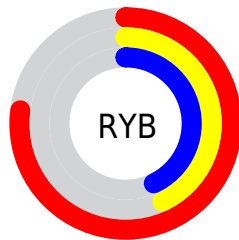
The YUV color **135.7140, -12.6770, 52.8708** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **170.2860, 12.6770, -52.8708**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3940, -13.9982, 56.6595**, and **83.9630, -10.3348, 48.2674** is the 20% darker color. If you saturate the color by 10%, you get **121.6940, -15.6251, 65.1664**, and if you desaturate by 10%, it is **149.7340, -9.7289, 40.5753**.

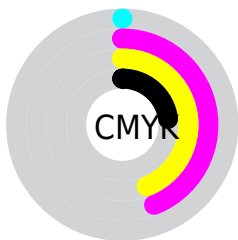
Distribution



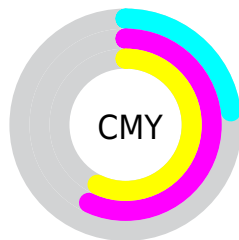
- Red (77%)
- Green (43%)
- Blue (43%)



- Red (77%)
- Yellow (43%)
- Blue (43%)



- Cyan (0%)
- Magenta (44%)
- Yellow (44%)
- Black (23%)



- Cyan (23%)
- Magenta (57%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.7140, -12.6770, 52.8708 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 135.7140, -12.6770, 52.8708 by changing the saturation by 10% instead.

■ 135.7140,
-12.6770, 52.8708

■ 135.7140,
-12.6770, 52.8708

■ 255.0000, 0.0000,
0.0000

■ 109.6320,
-11.6506, 50.3117

■ 190.3940,
-13.9982, 56.6595

■ 83.9630, -10.3348,
48.2674

■ 209.3210,
-10.0183, 40.0605

■ 58.4080, -8.5821,
46.1232

■ 229.4220, -6.6170,
22.4319

■ 32.0920, -5.9614,
45.5233

■ 249.1640, -2.0529,
5.1182

■ 17.3420, -8.5496,
35.6571

■ 9.3830, -4.1328,
18.9581

■ 0.0000, 0.0000,

0.0000

■ 135.7140,
-12.6770, 52.8708

■ 135.7140,
-12.6770, 52.8708

■ 121.6940,
-15.6251, 65.1664

■ 149.7340, -9.7289,
40.5753

■ 108.3750,
-18.4259, 76.8471

■ 163.0530, -6.9281,
28.8945

■ 94.3550, -21.3740,
89.1427

■ 177.0730, -3.9800,
16.5990

■ 81.0360, -24.1747,
100.8234

■ 190.3920, -1.1793,
4.9182

■ 67.0160, -27.1229,
113.1190

■ 204.4120, 1.7689,
-7.3773

■ 58.6040, -28.8918,
120.4963

■ 218.4320, 4.7170,
-19.6729

■ 231.7510, 7.5178,
-31.3536

■ 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.



137.2800, 2.3270, 47.1124



135.7140, -12.6770, 52.8708



134.3310, -25.3062, 43.5597

Triad

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



135.7140, -12.6770, 52.8708



124.0290, -14.3113, -29.8434



125.0840, 35.9476, -50.0627

Complementary

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



135.7140, -12.6770, 52.8708



170.2860, 12.6770, -52.8708

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.



107.4930, 38.7040, -94.2714



135.7140, -12.6770, 52.8708



114.1780, 6.3212, -67.6851

Square

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



135.7140, -12.6770, 52.8708



129.1870, -27.2072, -0.1640



106.8770, 26.1896, -93.7311



135.9970, 28.1025, -7.0134

Rectangle

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



135.7140, -12.6770, 52.8708



133.2880, -30.2150, 31.3194



106.8770, 26.1896, -93.7311



118.2450, 38.3332, -68.6209

Sweetspot

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



135.7140, -12.6770, 52.8708



231.8670, -4.8644, 20.2876



145.5180, 24.8876, 44.2727



113.2790, -3.0955, 12.9103



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.



135.7140, -12.6770, 52.8708



160.3650, -19.8999, 82.9949



160.9550, -25.1208, 30.7345



89.9900, -1.4741, 6.1478



48.1390, -23.7325, 98.9791



9.8670, -4.8644, 20.2876

Inverse Universe

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



170.2860, 12.6770, -52.8708



214.6350, 19.8999, -82.9949



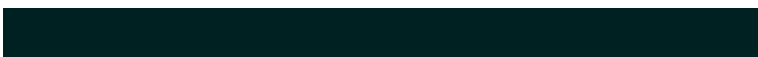
145.0450, 25.1208, -30.7345



94.0100, 1.4741, -6.1478



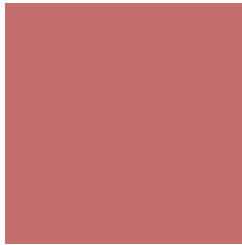
112.8610, 23.7325, -98.9791



23.1330, 4.8644, -20.2876

Previews

White Background



This preview shows how the YUV color 135.7140, -12.6770, 52.8708 looks on a white background.

Color Contrast Check

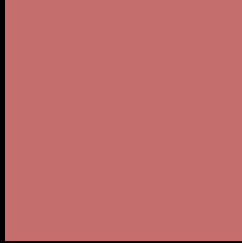
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.7140, -12.6770, 52.8708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

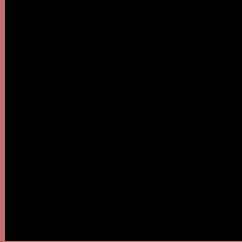
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.7140, -12.6770, 52.8708

Background



This preview shows how black text looks on a background with the YUV color 135.7140, -12.6770, 52.8708.



This preview shows how white text looks on a background with the YUV color 135.7140, -12.6770,

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

135.7140, -12.6770, 52.8708

Protanopia

134.4260, -6.1260, 4.8884

Deuteranopia

135.7500, -14.1738, 19.5132



Tritanopia

136.2240, -9.4774, 53.3006

Trichromacy



Original Color

135.7140, -12.6770, 52.8708

Protanomaly

134.6670, -8.2168, 22.2170

Deuteranomaly

135.9410, -13.7749, 31.6237

Tritanomaly

135.8820, -10.7878, 53.6005

Monochromacy



Original Color

135.7140, -12.6770, 52.8708

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.2690, -4.5696, 19.0581

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.7140, -12.6770, 52.8708 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, 110, 110)` looks like.

```
.text, #text, p{  
    color:rgb(196, 110, 110)  
}
```

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, 110, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 110, 110) }
```

Border

The CSS property to change the border of an element to YUV 135.7140, -12.6770, 52.8708 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, 110, 110) }
```


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

```
.border{ border-color:rgb(196, 110, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 110, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 110, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 110, 110);  
box-shadow:4px 4px 4px 4px rgb(196, 110,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 135.7140, -12.6770, 52.8708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 110, 110) }
```

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

```
.background{ background-color: rgb(196,  
110, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor