

Converting Colors

YUV(145.3970, -8.5767,
44.3788)

Have a look what the booklet for
YUV(145.3970, -8.5767, 44.3788)
contains.

YUV(145.3970, -8.5767, 44.3788)	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(145.3970, -8.5767,
44.3788)**

Conversions

Conversions Part 1

Format	Color
Hex	C47B80
RGB	196, 123, 128
RGB Percent	77%, 48%, 50%
CMY	0.2314, 0.5176, 0.4980
CMYK	0.00, 0.37, 0.35, 0.23
HSL	356°, 38%, 63%
HSV	356°, 37%, 77%
XYZ	33.7442, 27.4602, 23.9439
YIQ	145.3970, 41.9030, 17.0310

Conversions

Conversions Part 2

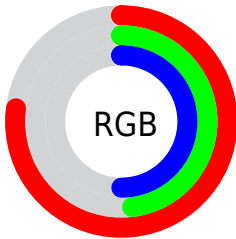
Format	Color
R _Y B	196, 123, 128
Decimal	12876672
CIE Lab	59.40, 29.05, 9.28
CIE LCh	59, 30.498, 17.710
Yxy	27.4602, 0.3963, 0.3225
Android (android.graphics.Color)	4291066752 (0xFFC47B80)
YUV	145.3970, -8.5767, 44.3788
Hunter-Lab	52.4025, 23.2394, 9.5908

Details

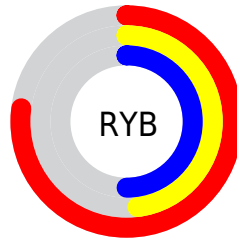
The YUV color **145.3970, -8.5767, 44.3788** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **173.6030, 8.5767, -44.3788**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.8920, -9.3138, 47.4527**, and **93.7170, -7.2555, 40.5902** is the 20% darker color. If you saturate the color by 10%, you get **131.6050, -10.6513, 56.4744**, and if you desaturate by 10%, it is **159.1890, -6.5022, 32.2832**.

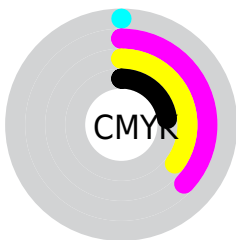
Distribution



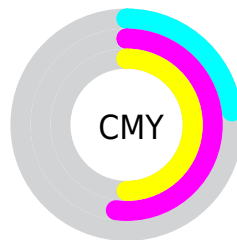
- Red (77%)
- Green (48%)
- Blue (50%)



- Red (77%)
- Yellow (48%)
- Blue (50%)



- Cyan (0%)
- Magenta (37%)
- Yellow (35%)
- Black (23%)



- Cyan (23%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.3970, -8.5767, 44.3788 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 145.3970, -8.5767, 44.3788 by changing the saturation by 10% instead.


 145.3970, -8.5767,
44.3788


 145.3970, -8.5767,
44.3788


255.0000, 0.0000,
0.0000


 119.5000, -8.1345,
42.5345


 199.8920, -9.3138,
47.4527


 93.7170, -7.2555,
40.5902


 219.7050, -5.7706,
30.9537

 68.9340, -6.3765,
38.6459

 239.3330, -1.6432,
13.7400

 44.6780, -4.7713,
37.1164

 20.3080, -3.6028,
35.6869

 12.0740, -5.4595,
24.4911

 0.0000, 0.0000,

0.0000

■ 145.3970, -8.5767,
44.3788

■ 145.3970, -8.5767,
44.3788

■ 131.6050,
-10.6513, 56.4744

■ 159.1890, -6.5022,
32.2832

■ 118.2860,
-13.4520, 68.1552

■ 172.5080, -3.7014,
20.6025

■ 104.4940,
-15.5265, 80.2508

■ 186.3000, -1.6269,
8.5069

■ 91.2890, -17.8905,
91.8315

■ 199.5050, 0.7370,
-3.0739

■ 77.4970, -19.9650,
103.9271

■ 213.2970, 2.8116,
-15.1695

■ 63.5910, -22.4764,
116.1227

■ 227.2030, 5.3229,
-27.3650

■ 60.0860, -23.2134,
119.1966

■ 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.



146.6700, 4.1067, 36.2464



145.3970, -8.5767, 44.3788



144.2040, -19.3276, 39.2861

Triad

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



145.3970, -8.5767, 44.3788



136.2800, -14.9280, -18.6626



136.0050, 29.0845, -42.1004

Complementary

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



145.3970, -8.5767, 44.3788



173.6030, 8.5767, -44.3788

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.



126.6830, 27.2713, -67.2510



145.3970, -8.5767, 44.3788



131.6110, -0.3012, -43.5088

Square

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



145.3970, -8.5767, 44.3788



139.4310, -23.8765, 4.8840



125.4200, 16.0619, -65.2663



143.4650, 24.9138, -10.9318

Rectangle

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



145.3970, -8.5767, 44.3788



142.5960, -23.9578, 31.0493



125.4200, 16.0619, -65.2663



132.6510, 29.2591, -51.4369

Sweetspot

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



145.3970, -8.5767, 44.3788



235.6000, -3.2538, 17.0138



151.3550, 22.0100, 33.8917



116.1970, -2.0691, 10.3512



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.



145.3970, -8.5767, 44.3788



175.2970, -13.4574, 69.8995



162.4370, -19.4424, 29.4348



90.1040, -1.0373, 6.0478



49.3930, -18.9277, 97.8793



10.0950, -3.9908, 20.0877

Inverse Universe

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



145.3970, -8.5767, 44.3788



175.2970, -13.4574, 69.8995



156.5630, 19.4424, -29.4348



90.1040, -1.0373, 6.0478



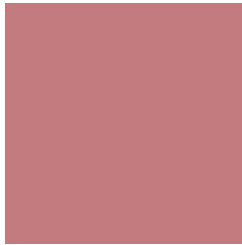
49.3930, -18.9277, 97.8793



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 145.3970, -8.5767, 44.3788 looks on a white background.

Color Contrast Check

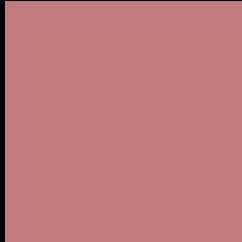
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.3970, -8.5767, 44.3788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

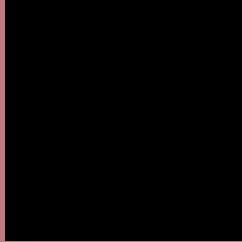
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.3970, -8.5767, 44.3788

Background



This preview shows how black text looks on a background with the YUV color 145.3970, -8.5767, 44.3788.



This preview shows how white text looks on a background with the YUV color 145.3970, -8.5767,

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

145.3970, -8.5767, 44.3788

Protanopia

143.7400, -2.3368, 2.8590

Deuteranopia

144.2920, -9.5110, 17.2839



Tritanopia

145.2660, -6.5401, 44.4937

Trichromacy



Original Color

145.3970, -8.5767, 44.3788

Protanomaly

144.5570, -4.7116, 17.9285

Deuteranomaly

145.0590, -9.3961, 27.1353

Tritanomaly

145.1520, -6.9769, 44.5937

Monochromacy



Original Color

145.3970, -8.5767, 44.3788

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.3010, -3.1064, 16.3990

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.3970, -8.5767, 44.3788 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, 123, 128)` looks like.

```
.text, #text, p{  
    color:rgb(196, 123, 128)  
}
```

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, 123, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 123, 128) }
```

Border

The CSS property to change the border of an element to YUV 145.3970, -8.5767, 44.3788 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, 123, 128) }
```


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

```
.border{ border-color:rgb(196, 123, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 123, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 123, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 123, 128);  
box-shadow:4px 4px 4px 4px rgb(196, 123,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 145.3970, -8.5767, 44.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 123, 128) }
```

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

```
.background{ background-color: rgb(196,  
123, 128) }
```

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