

Converting Colors

YUV(207.8900, -40.3718,
-24.4595)

Have a look what the booklet for
YUV(207.8900, -40.3718, -24.4595)
contains.

YUV(207.8900, -40.3718, -24.4595)	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(207.8900, -40.3718,
-24.4595)**

Conversions

Conversions Part 1

Format	Color
Hex	B4EE7E
RGB	180, 238, 126
RGB Percent	71%, 93%, 49%
CMY	0.2941, 0.0667, 0.5059
CMYK	0.24, 0.00, 0.47, 0.07
HSL	91°, 77%, 71%
HSV	91°, 47%, 93%
XYZ	53.1628, 72.3587, 30.9033
YIQ	207.8900, 1.3840, -47.1280

Conversions

Conversions Part 2

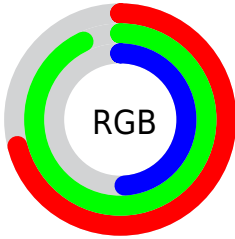
Format	Color
R_{YB}	126, 238, 184
Decimal	11857534
CIE _{Lab}	88.14, -36.92, 48.12
CIE _{LCh}	88, 60.650, 127.497
Yxy	72.3587, 0.3399, 0.4626
Android (android.graphics.Color)	4290047614 (0xFFB4EE7E)
YUV	207.8900, -40.3718, -24.4595
Hunter-Lab	85.0639, -37.3039, 38.0050

Details

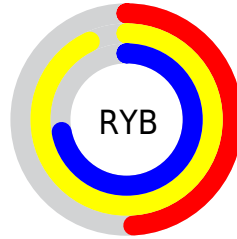
The YUV color **207.8900, -40.3718, -24.4595** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **156.1100, 40.3718, 24.4595**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4810, -29.8171, -3.0528**, and **152.3460, -38.6246, -24.8594** is the 20% darker color. If you saturate the color by 10%, you get **201.5660, -49.0860, -29.4374**, and if you desaturate by 10%, it is **214.2140, -31.6575, -19.4817**.

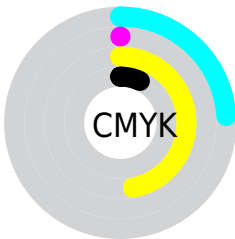
Distribution



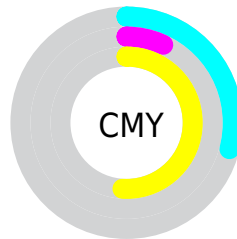
- Red (71%)
- Green (93%)
- Blue (49%)



- Red (49%)
- Yellow (93%)
- Blue (72%)



- Cyan (24%)
- Magenta (0%)
- Yellow (47%)
- Black (7%)



- Cyan (29%)
- Magenta (7%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.8900, -40.3718, -24.4595 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 207.8900, -40.3718, -24.4595 by changing the saturation by 10% instead.

■ 207.8900,
-40.3718, -24.4595

■ 207.8900,
-40.3718, -24.4595

255.0000, 0.0000,
0.0000

■ 180.1180,
-39.4982, -24.6595

■ 241.4810,
-29.8171, -3.0528

■ 152.3460,
-38.6246, -24.8594

■ 249.7560,
-20.0927, 4.5990

■ 125.4600,
-38.1878, -24.9594

■ 253.0620, -7.4256,
1.6996

■ 98.5310, -39.2088,
-24.1447

■ 73.3180, -36.1458,
-26.5889

■ 49.6730, -24.4888,
-32.1622

■ 32.2850, -15.9165,

-28.3139

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 207.8900,
-40.3718, -24.4595

■ 207.8900,
-40.3718, -24.4595

■ 201.5660,
-49.0860, -29.4374

■ 214.2140,
-31.6575, -19.4817

■ 194.9430,
-57.6529, -35.0300

■ 220.8370,
-23.0906, -13.8890

■ 188.7330,
-65.9304, -40.1078

■ 227.0470,
-14.8132, -8.8112

■ 182.4090,
-74.6446, -45.0857

■ 233.3710, -6.0989,
-3.8334

■ 175.7860,
-83.2115, -50.6783

■ 239.9940, 2.4680,
1.7593

■ 174.0910,
-85.8269, -51.8228

■ 244.7220, 5.0671,
8.1368

■ 245.0210, 4.9196,
8.7516

Harmonies

Analogous

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



214.8870, -55.6533, 23.7781



207.8900, -40.3718, -24.4595



194.2410, -9.4858, -84.4034

Triad

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



207.8900, -40.3718, -24.4595



169.3630, 42.2190, -148.5314



201.0350, 3.9267, 47.3273

Complementary

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



207.8900, -40.3718, -24.4595



156.1100, 40.3718, 24.4595

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.



210.9750, 21.7043, 38.6099



207.8900, -40.3718, -24.4595



203.9350, 25.1750, -48.1780

Square

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



207.8900, -40.3718, -24.4595



174.6460, 39.6145, -153.1645



219.7250, 17.3906, 22.1662



200.6350, -22.9911, 47.6781

Rectangle

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



207.8900, -40.3718, -24.4595



171.1460, 21.1270, -150.0950



219.7250, 17.3906, 22.1662



203.7880, 11.9365, 44.9129

Sweetspot

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



207.8900, -40.3718, -24.4595



245.5140, -13.0714, -7.4668



193.5340, -33.2943, 38.9967



121.9040, -7.8407, -5.1778



0.0000, 0.0000, 0.0000



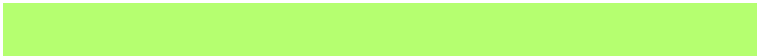
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



207.8900, -40.3718, -24.4595



216.5720, -51.5540, -31.1966



191.9720, -31.5382, -57.8574



116.8380, -4.3571, -2.4889



134.6190, -66.3672, -40.0079



40.9450, -20.1859, -12.2298

Inverse Universe

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



156.1100, 40.3718, 24.4595



150.4280, 51.5540, 31.1966



172.0280, 31.5382, 57.8574



111.1620, 4.3571, 2.4889



49.3810, 66.3672, 40.0079



15.0550, 20.1859, 12.2298

Previews

White Background



This preview shows how the YUV color 207.8900, -40.3718, -24.4595 looks on a white background.

Color Contrast Check

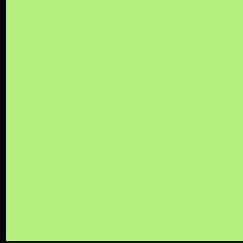
Large Text (above 18pt) WCAG AA × Fail

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 207.8900, -40.3718, -24.4595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

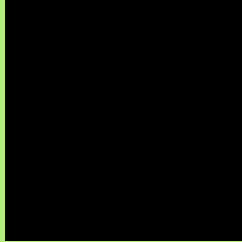
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 207.8900, -40.3718, -24.4595 Background



This preview shows how black text looks on a background with the YUV color 207.8900, -40.3718, -24.4595.



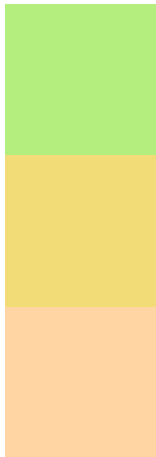
This preview shows how white text looks on a background with the YUV color 207.8900, -40.3718, -24.4595.

-24.4595.

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

207.8900, -40.3718, -24.4595

Protanopia

215.1780, -46.9228, 23.5229

Deuteranopia

219.8580, -28.0310, 30.8195



Tritanopia

218.6800, 11.9898, -19.0134

Trichromacy



Original Color

207.8900, -40.3718, -24.4595



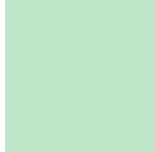
Protanomaly

212.6380, -44.6845, 5.5795



Deuteranomaly

215.5860, -32.3339, 10.8871



Tritanomaly

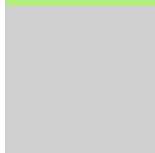
214.9190, -7.3551, -20.9770

Monochromacy



Original Color

207.8900, -40.3718, -24.4595



Achromatopsia

208.0000, 0.0000, 0.0000



Achromatomaly

208.0470, -14.8132, -8.8112

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.8900, -40.3718, -24.4595 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(180, 238, 126)` looks like.

```
.text, #text, p{  
    color:rgb(180, 238, 126)  
}
```

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(180, 238, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 238, 126) }
```

Border

The CSS property to change the border of an element to YUV 207.8900, -40.3718, -24.4595 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(180, 238, 126) }
```


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

```
.border{ border-color:rgb(180, 238, 126) }
```

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

Here you see how a box with a 4 pixel rgb(180, 238, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 238, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 238, 126);  
box-shadow:4px 4px 4px 4px rgb(180, 238,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 207.8900, -40.3718, -24.4595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 238, 126) }
```

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

```
.background{ background-color: rgb(180,  
238, 126) }
```

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