

Converting Colors

YUV(199.4590, -19.9463,
-42.4985)

Have a look what the booklet for
YUV(199.4590, -19.9463, -42.4985)
contains.

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Color

**YUV(199.4590, -19.9463,
-42.4985)**

Conversions

Conversions Part 1

Format	Color
Hex	97E89F
RGB	151, 232, 159
RGB Percent	59%, 91%, 62%
CMY	0.4078, 0.0902, 0.3765
CMYK	0.35, 0.00, 0.31, 0.09
HSL	126°, 64%, 75%
HSV	126°, 35%, 91%
XYZ	47.8771, 66.7957, 43.1704
YIQ	199.4590, -24.8430, -39.8750

Conversions

Conversions Part 2

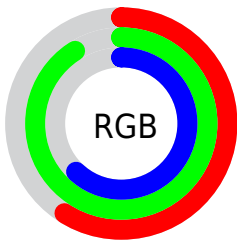
Format	Color
RYB	151, 225, 232
Decimal	9955487
CIELab	85.40, -39.24, 27.90
CIELCh	85, 48.148, 144.586
Yxy	66.7957, 0.3033, 0.4232
Android (android.graphics.Color)	4288145567 (0xFF97E89F)
YUV	199.4590, -19.9463, -42.4985
Hunter-Lab	81.7287, -38.4588, 25.8921

Details

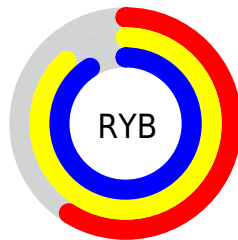
The YUV color **199.4590, -19.9463, -42.4985** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **183.5410, 19.9463, 42.4985**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9740, -10.8332, -25.4102**, and **144.2140, -18.3465, -42.2837** is the 20% darker color. If you saturate the color by 10%, you get **190.1880, -25.7287, -54.5389**, and if you desaturate by 10%, it is **208.7300, -14.1639, -30.4582**.

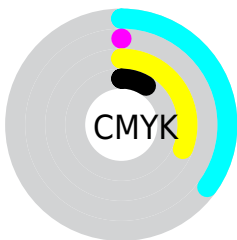
Distribution



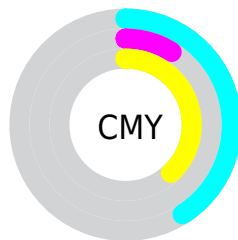
- Red (59%)
- Green (91%)
- Blue (62%)



- Red (59%)
- Yellow (88%)
- Blue (91%)



- Cyan (35%)
- Magenta (0%)
- Yellow (31%)
- Black (9%)



- Cyan (41%)
- Magenta (9%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.4590, -19.9463, -42.4985 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 199.4590, -19.9463, -42.4985 by changing the saturation by 10% instead.

■ 199.4590,
-19.9463, -42.4985

■ 199.4590,
-19.9463, -42.4985

255.0000, 0.0000,
0.0000

■ 171.9860,
-19.2201, -42.0837

■ 235.9740,
-10.8332, -25.4102

■ 144.2140,
-18.3465, -42.2837

■ 248.2500, -2.5882,
-9.8663

■ 117.4420,
-17.4729, -42.4836

■ 91.0720, -16.3045,
-43.9131

■ 61.2280, -12.9304,
-52.8200

■ 44.2190, -15.8840,
-38.7801

■ 28.7630, -14.1802,

-25.2252

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 199.4590,
-19.9463, -42.4985

■ 199.4590,
-19.9463, -42.4985

■ 190.1880,
-25.7287, -54.5389

■ 208.7300,
-14.1639, -30.4582

■ 180.9170,
-31.5111, -66.5792

■ 218.0010, -8.3815,
-18.4179

■ 171.3470,
-37.1461, -79.2343

■ 227.5710, -2.7465,
-5.7628

■ 162.0760,
-42.9285, -91.2747

■ 236.8420, 3.0359,
6.2776

■ 152.8050,
-48.7109, -103.3150

■ 241.4990, 6.6560,
11.8404

■ 143.6480,
-54.0565, -115.4553

■ 138.8060,
-57.0924, -121.7329

Harmonies

Analogous

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



206.3150, -38.1163, -1.1533



199.4590, -19.9463, -42.4985



187.6760, 7.5547, -90.0469

Triad

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



199.4590, -19.9463, -42.4985



196.4820, 28.8494, -60.0587



202.1970, -11.9291, 46.3082

Complementary

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



199.4590, -19.9463, -42.4985



183.5410, 19.9463, 42.4985

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.



206.2670, 8.7424, 42.7388



199.4590, -19.9463, -42.4985



210.9990, 21.6925, -4.3841

Square

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



199.4590, -19.9463, -42.4985



165.2540, 44.2448, -144.9278



215.6710, 19.3892, 34.4915



205.0230, -31.5633, 43.8298

Rectangle

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



199.4590, -19.9463, -42.4985



166.4960, 33.7725, -146.0170



215.6710, 19.3892, 34.4915



202.7330, -4.7984, 45.8382

Sweetspot

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



199.4590, -19.9463, -42.4985



244.9030, -6.3612, -13.0699



220.6730, -34.3488, 3.7948



121.6200, -3.7567, -8.4367



0.0000, 0.0000, 0.0000



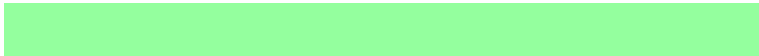
128.0000, 0.0000, 0.0000

Same Dimension

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



199.4590, -19.9463, -42.4985



211.9490, -26.5969, -56.0833



203.9050, -2.9112, -46.3977



110.1580, -3.0359, -6.2776



107.1250, -43.9386, -93.9486



30.5070, -12.5750, -26.7546

Inverse Universe

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



183.5410, 19.9463, 42.4985



190.9370, 26.1601, 56.1833



179.0950, 2.9112, 46.3977



107.8420, 3.0359, 6.2776



71.8750, 43.9386, 93.9486



20.4930, 12.5750, 26.7546

Previews

White Background



This preview shows how the YUV color 199.4590, -19.9463, -42.4985 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 199.4590, -19.9463, -42.4985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

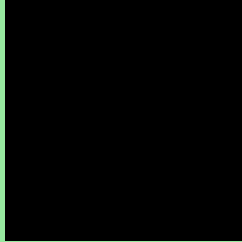
Any Text WCAG AA ✓ Pass

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 199.4590, -19.9463, -42.4985 Background



This preview shows how black text looks on a background with the YUV color 199.4590, -19.9463, -42.4985.



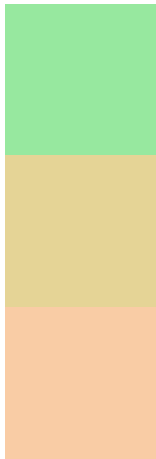
This preview shows how white text looks on a background with the YUV color 199.4590, -19.9463, -42.4985.

-42.4985.

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

199.4590, -19.9463, -42.4985

Protanopia

210.0150, -29.5874, 16.6498

Deuteranopia

213.0090, -23.6684, 31.5641



Tritanopia

207.6070, 15.9697, -35.6123

Trichromacy



Original Color

199.4590, -19.9463, -42.4985



Protanomaly

206.0940, -26.1753, -4.4674



Deuteranomaly

207.8870, -22.1293, 4.4841



Tritanomaly

204.8550, 3.0295, -38.4608

Monochromacy



Original Color

199.4590, -19.9463, -42.4985



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

199.2510, -7.5187, -15.1291

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.4590, -19.9463, -42.4985 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(151, 232, 159)` looks like.

```
.text, #text, p{  
    color:rgb(151, 232, 159)  
}
```

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(151, 232, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 232, 159) }
```

Border

The CSS property to change the border of an element to YUV 199.4590, -19.9463, -42.4985 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(151, 232, 159) }
```


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

```
.border{ border-color:rgb(151, 232, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 232, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 232, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 232, 159);  
box-shadow:4px 4px 4px 4px rgb(151, 232,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 199.4590, -19.9463, -42.4985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 232, 159) }
```

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

```
.background{ background-color: rgb(151,  
232, 159) }
```

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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