

Converting Colors

YUV(199.0700, 10.3185,
-43.0344)

Have a look what the booklet for
YUV(199.0700, 10.3185, -43.0344)
contains.

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Color

**YUV(199.0700, 10.3185,
-43.0344)**

Conversions

Conversions Part 1

Format	Color
Hex	96DCDC
RGB	150, 220, 220
RGB Percent	59%, 86%, 86%
CMY	0.4118, 0.1373, 0.1373
CMYK	0.32, 0.00, 0.00, 0.14
HSL	180°, 50%, 73%
HSV	180°, 32%, 86%
XYZ	51.0891, 62.8377, 77.1464
YIQ	199.0700, -41.7200, -14.8400

Conversions

Conversions Part 2

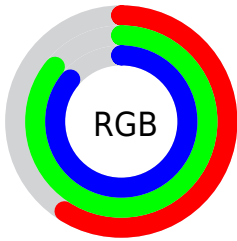
Format	Color
R _{YB}	150, 185, 220
Decimal	9886940
CIE _{Lab}	83.36, -21.73, -6.99
CIE _{LCh}	83, 22.824, 197.844
Y _{xy}	62.8377, 0.2674, 0.3289
Android (android.graphics.Color)	4288077020 (0xFF96DCDC)
YUV	199.0700, 10.3185, -43.0344
Hunter-Lab	79.2703, -23.6809, -2.2123

Details

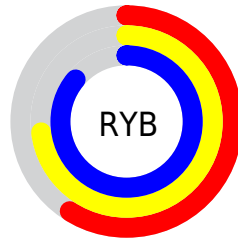
The YUV color $199.0700, 10.3185, -43.0344$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $170.9300, -10.3185, 43.0344$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.3490, 7.2229, -30.1241$, and $144.3690, 10.1711, -42.4196$ is the 20% darker color. If you saturate the color by 10%, you get $192.4920, 13.5614, -56.5595$, and if you desaturate by 10%, it is $205.6480, 7.0755, -29.5093$.

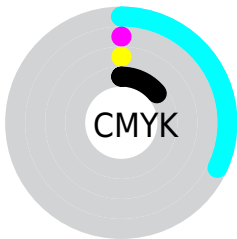
Distribution



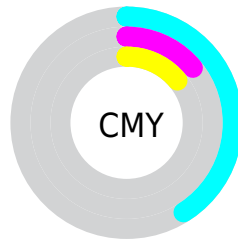
- Red (59%)
- Green (86%)
- Blue (86%)



- Red (59%)
- Yellow (73%)
- Blue (86%)



- Cyan (32%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (41%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.0700, 10.3185, -43.0344 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 199.0700, 10.3185, -43.0344 by changing the saturation by 10% instead.

■ 199.0700, 10.3185,
-43.0344

■ 199.0700, 10.3185,
-43.0344

255.0000, 0.0000,
0.0000

■ 171.3690, 10.1711,
-42.4196

■ 240.3490, 7.2229,
-30.1241

■ 144.3690, 10.1711,
-42.4196

■ 249.0200, 2.9481,
-12.2955

■ 117.4830, 10.6079,
-42.5196

■ 91.1730, 10.7607,
-44.8787

■ 62.1010, 13.2612,
-53.5856

■ 45.0920, 10.3076,
-39.5457

■ 29.6700, 7.0647,

-26.0206

■ 14.9490, 3.9691,
-13.1103

■ 0.0000, 0.0000,
0.0000

■ 199.0700, 10.3185,
-43.0344

■ 199.0700, 10.3185,
-43.0344

■ 192.4920, 13.5614,
-56.5595

■ 205.6480, 7.0755,
-29.5093

■ 185.9140, 16.8044,
-70.0846

■ 212.2260, 3.8326,
-15.9842

■ 179.3360, 20.0474,
-83.6097

■ 218.8040, 0.5896,
-2.4591

■ 172.7580, 23.2903,
-97.1348

■ 225.3820, -2.6533,
11.0660

■ 166.1800, 26.5333,
-110.6599

■ 230.4650, -5.1592,
21.5172

■ 159.6020, 29.7762,
-124.1850

■ 154.2200, 32.4295,
-135.2509

Harmonies

Analogous

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



200.1610, -1.0654, -31.7132



199.0700, 10.3185, -43.0344



200.9590, 18.7542, -42.0600

Triad

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



199.0700, 10.3185, -43.0344



211.1170, 12.7603, 13.9294



207.7520, -20.5837, 22.1425

Complementary

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



199.0700, 10.3185, -43.0344



170.9300, -10.3185, 43.0344

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.



209.9690, -16.2537, 33.3532



199.0700, 10.3185, -43.0344



211.5830, 2.6706, 30.1837

Square

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



199.0700, 10.3185, -43.0344



208.4070, 19.5193, -7.3729



211.1680, -7.9708, 36.6867



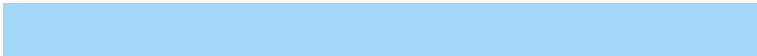
205.3970, -18.9297, 4.9138

Rectangle

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



199.0700, 10.3185, -43.0344



202.8120, 21.7847, -34.0381



211.1680, -7.9708, 36.6867



208.4150, -19.4316, 25.9460

Sweetspot

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



199.0700, 10.3185, -43.0344



247.5250, 3.6852, -15.3694



191.0900, -20.2574, -36.0359



123.2160, 2.3585, -9.8364



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.



199.0700, 10.3185, -43.0344



225.9970, 14.2985, -59.6334



178.5250, 20.4472, -25.0164



106.7110, 1.6215, -6.7625



121.2730, 25.5014, -106.3564



32.2460, 6.7807, -28.2797

Inverse Universe

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



178.9100, 20.2574, 36.0359



198.0610, 28.0709, 49.9355



191.4750, -20.4472, 25.0164



103.5430, 3.1833, 5.6628



71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 199.0700, 10.3185, -43.0344 looks on a white background.

Color Contrast Check

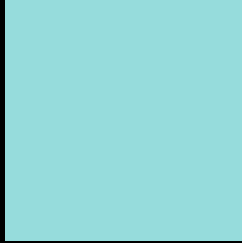
Large Text (above 18pt) WCAG AA × Fail

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 199.0700, 10.3185, -43.0344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

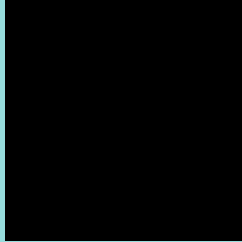
Any Text WCAG AA ✓ Pass

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 199.0700, 10.3185, -43.0344 Background



This preview shows how black text looks on a background with the YUV color 199.0700, 10.3185, -43.0344.



This preview shows how white text looks on a background with the YUV color 199.0700, 10.3185, -43.0344.

-43.0344.

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

199.0700, 10.3185, -43.0344

Protanopia

207.4670, 1.7418, 1.3444

Deuteranopia

209.0040, 7.3930, 8.7665



Tritanopia

200.8020, 16.8596, -41.0454

Trichromacy



Original Color

199.0700, 10.3185, -43.0344

Protanomaly

204.4650, 4.7008, -14.4398

Deuteranomaly

205.5240, 8.6157, -10.1065

Tritanomaly

200.5200, 14.5336, -41.6750

Monochromacy



Original Color

199.0700, 10.3185, -43.0344

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.2260, 3.8326, -15.9842

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.0700, 10.3185, -43.0344 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(150, 220, 220)` looks like.

```
.text, #text, p{  
    color:rgb(150, 220, 220)  
}
```

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(150, 220, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 220, 220) }
```

Border

The CSS property to change the border of an element to YUV 199.0700, 10.3185, -43.0344 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(150, 220, 220) }
```


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

```
.border{ border-color:rgb(150, 220, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 220, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 220, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 220, 220);  
box-shadow:4px 4px 4px 4px rgb(150, 220,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 199.0700, 10.3185, -43.0344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 220, 220) }
```

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

```
.background{ background-color: rgb(150,  
220, 220) }
```

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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