

Converting Colors

YUV(199.5850, -7.6834,
-55.7640)

Have a look what the booklet for
YUV(199.5850, -7.6834, -55.7640)
contains.

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Color

**YUV(199.5850, -7.6834,
-55.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	88EBB8
RGB	136, 235, 184
RGB Percent	53%, 92%, 72%
CMY	0.4667, 0.0784, 0.2784
CMYK	0.42, 0.00, 0.22, 0.08
HSL	149°, 71%, 73%
HSV	149°, 42%, 92%
XYZ	48.5134, 68.1116, 55.9373
YIQ	199.5850, -42.6330, -36.8490

Conversions

Conversions Part 2

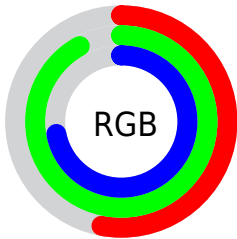
Format	Color
RYB	136, 203, 235
Decimal	8973240
CIELab	86.06, -40.34, 15.79
CIELCh	86, 43.316, 158.624
Yxy	68.1116, 0.2811, 0.3947
Android (android.graphics.Color)	4287163320 (0xFF88EBB8)
YUV	199.5850, -7.6834, -55.7640
Hunter-Lab	82.5297, -39.4995, 17.5850

Details

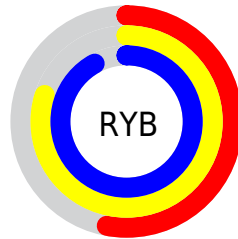
The YUV color **199.5850, -7.6834, -55.7640** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **171.4150, 7.6834, 55.7640**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.7520, 2.5873, -36.6165**, and **143.9270, -6.3730, -56.0640** is the 20% darker color. If you saturate the color by 10%, you get **191.0410, -9.3872, -69.3190**, and if you desaturate by 10%, it is **208.1290, -5.9796, -42.2091**.

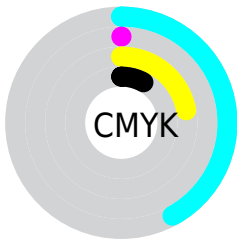
Distribution



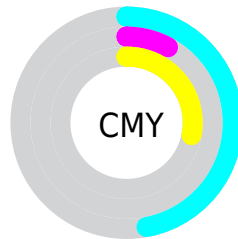
- Red (53%)
- Green (92%)
- Blue (72%)



- Red (53%)
- Yellow (80%)
- Blue (92%)



- Cyan (42%)
- Magenta (0%)
- Yellow (22%)
- Black (8%)



- Cyan (47%)
- Magenta (8%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.5850, -7.6834, -55.7640 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 199.5850, -7.6834, -55.7640 by changing the saturation by 10% instead.

■ 199.5850, -7.6834,
-55.7640

■ 199.5850, -7.6834,
-55.7640

255.0000, 0.0000,
0.0000

■ 171.1120, -6.9572,
-55.3492

■ 234.7520, 2.5873,
-36.6165

■ 143.9270, -6.3730,
-56.0640

■ 245.1330, 4.8644,
-20.2876

■ 115.6710, -4.7678,
-57.5935

■ 254.1030, 0.4422,
-1.8443

■ 84.4030, -1.6777,
-68.7594

■ 64.7250, -3.3154,
-56.7638

■ 48.1290, -5.9796,
-42.2091

■ 31.6470, -8.2070,

-27.7544

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 199.5850, -7.6834,
-55.7640

■ 199.5850, -7.6834,
-55.7640

■ 191.0410, -9.3872,
-69.3190

■ 208.1290, -5.9796,
-42.2091

■ 182.7960,
-11.2384, -82.2591

■ 216.3740, -4.1284,
-29.2690

■ 174.5510,
-13.0896, -95.1992

■ 224.6190, -2.2772,
-16.3289

■ 166.0070,
-14.7935, -108.7541

■ 233.1630, -0.5734,
-2.7740

■ 157.6480,
-17.0815, -121.5943

■ 241.5220, 1.7147,
10.0662

■ 150.9410,
-18.2119, -132.3753

■ 243.2600, 5.7878,
10.2960

Harmonies

Analogous

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



206.5500, -27.8791, -18.0223



199.5850, -7.6834, -55.7640



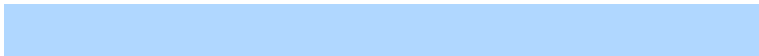
189.4010, 18.0433, -94.1907

Triad

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



199.5850, -7.6834, -55.7640



207.8990, 23.2208, -27.9754



206.6990, -20.0646, 42.3600

Complementary

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



199.5850, -7.6834, -55.7640



171.4150, 7.6834, 55.7640

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.



207.0360, -1.0037, 42.0644



199.5850, -7.6834, -55.7640



217.0340, 18.7172, 16.6332

Square

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



199.5850, -7.6834, -55.7640



194.8990, 29.6298, -77.0874



214.6450, 15.4580, 35.3913



211.2520, -35.6202, 38.3670

Rectangle

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



199.5850, -7.6834, -55.7640



183.2210, 34.4010, -114.2038



214.6450, 15.4580, 35.3913



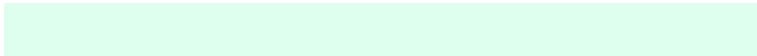
206.3060, -13.9549, 42.7046

Sweetspot

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



199.5850, -7.6834, -55.7640



243.1950, -2.5611, -18.5880



209.3620, -36.1675, -19.6115



120.4670, -1.7092, -11.8106



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.



199.5850, -7.6834, -55.7640



208.4920, -10.1026, -73.2225



205.1710, 13.7197, -60.6630



113.0270, -0.9993, -6.1627



116.2790, -13.9415, -101.9767



34.6620, -4.2704, -30.3986

Inverse Universe

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



171.4150, 7.6834, 55.7640



171.5080, 10.1026, 73.2225



165.8290, -13.7197, 60.6630



109.9730, 0.9993, 6.1627



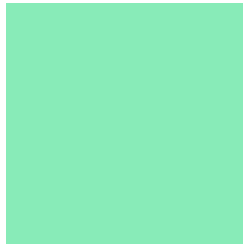
64.7210, 13.9415, 101.9767



19.3380, 4.2704, 30.3986

Previews

White Background



This preview shows how the YUV color 199.5850, -7.6834, -55.7640 looks on a white background.

Color Contrast Check

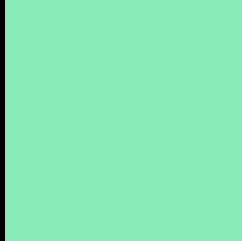
Large Text (above 18pt) WCAG AA × Fail

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 199.5850, -7.6834, -55.7640 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 199.5850, -7.6834, -55.7640 Background



This preview shows how black text looks on a background with the YUV color 199.5850, -7.6834, -55.7640.



This preview shows how white text looks on a background with the YUV color 199.5850, -7.6834, -55.7640.

-55.7640.

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

199.5850, -7.6834, -55.7640

Protanopia

213.3270, -19.3882, 11.9912

Deuteranopia

215.2390, -12.4428, 24.3464



Tritanopia

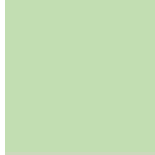
206.3280, 19.0653, -48.5227

Trichromacy



Original Color

199.5850, -7.6834, -55.7640



Protanomaly

208.6120, -15.0917, -12.8147



Deuteranomaly

209.8070, -10.7509, -5.0927



Tritanomaly

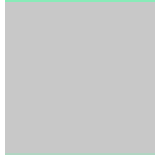
204.0860, 9.3246, -50.9414

Monochromacy



Original Color

199.5850, -7.6834, -55.7640



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

200.0700, -2.9925, -20.2324

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.5850, -7.6834, -55.7640 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(136, 235, 184)` looks like.

```
.text, #text, p{  
    color:rgb(136, 235, 184)  
}
```

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(136, 235, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 235, 184) }
```

Border

The CSS property to change the border of an element to YUV 199.5850, -7.6834, -55.7640 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(136, 235, 184) }
```


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

```
.border{ border-color:rgb(136, 235, 184) }
```

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

Here you see how a box with a 4 pixel rgb(136, 235, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 235, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 235, 184);  
box-shadow:4px 4px 4px 4px rgb(136, 235,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 199.5850, -7.6834, -55.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 235, 184) }
```

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

```
.background{ background-color: rgb(136,  
235, 184) }
```

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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