

Converting Colors

YUV(199.8400, 15.8549,
-45.4637)

Have a look what the booklet for
YUV(199.8400, 15.8549, -45.4637)
contains.

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Color

**YUV(199.8400, 15.8549,
-45.4637)**

Conversions

Conversions Part 1

Format	Color
Hex	94DCE8
RGB	148, 220, 232
RGB Percent	58%, 86%, 91%
CMY	0.4196, 0.1373, 0.0902
CMYK	0.36, 0.05, 0.00, 0.09
HSL	189°, 65%, 75%
HSV	189°, 36%, 91%
XYZ	52.3714, 63.3085, 85.8034
YIQ	199.8400, -46.7640, -11.5320

Conversions

Conversions Part 2

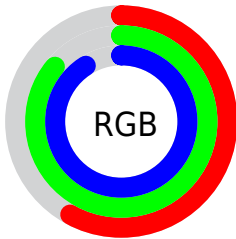
Format	Color
RYB	148, 187, 232
Decimal	9755880
CIELab	83.60, -19.42, -13.00
CIELCh	84, 23.370, 213.803
Yxy	63.3085, 0.2599, 0.3142
Android (android.graphics.Color)	4287945960 (0xFF94DCE8)
YUV	199.8400, 15.8549, -45.4637
Hunter-Lab	79.5666, -21.7514, -8.2408

Details

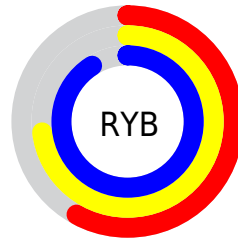
The YUV color **199.8400, 15.8549, -45.4637** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **180.1600, -15.8549, 45.4637**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0500, 7.3704, -30.7388**, and **144.7260, 15.4181, -45.3637** is the 20% darker color. If you saturate the color by 10%, you get **191.2020, 20.1134, -58.0592**, and if you desaturate by 10%, it is **208.4780, 11.5963, -32.8682**.

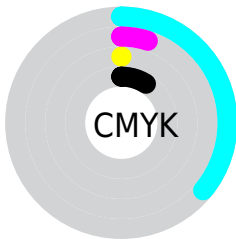
Distribution



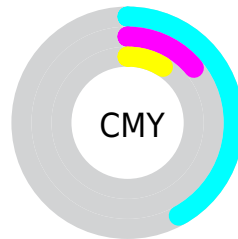
- Red (58%)
- Green (86%)
- Blue (91%)



- Red (58%)
- Yellow (73%)
- Blue (91%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.8400, 15.8549, -45.4637 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 199.8400, 15.8549, -45.4637 by changing the saturation by 10% instead.

■ 199.8400, 15.8549,
-45.4637

■ 199.8400, 15.8549,
-45.4637

255.0000, 0.0000,
0.0000

■ 171.8400, 15.8549,
-45.4637

■ 240.0500, 7.3704,
-30.7388

■ 144.7260, 15.4181,
-45.3637

■ 248.7210, 3.0955,
-12.9103

■ 117.5410, 16.0023,
-46.0785

■ 90.6330, 16.4499,
-49.6671

■ 62.9420, 17.7766,
-55.2001

■ 46.7050, 13.9494,
-40.9603

■ 30.5820, 10.5591,

-26.8204

■ 16.4480, 7.1741,
-14.4249

■ 0.5700, 2.1840,
-0.4999

■ 199.8400, 15.8549,
-45.4637

■ 199.8400, 15.8549,
-45.4637

■ 191.2020, 20.1134,
-58.0592

■ 208.4780, 11.5963,
-32.8682

■ 181.9770, 24.6613,
-70.1398

■ 217.7030, 7.0484,
-20.7875

■ 173.0400, 29.0673,
-83.3501

■ 226.6400, 2.6425,
-7.5773

■ 164.4020, 33.3258,
-95.9456

■ 235.2780, -1.6161,
5.0182

■ 155.1770, 37.8737,
-108.0262

■ 241.8120, -4.8373,
11.5659

■ 146.5390, 42.1323,
-120.6217

■ 243.5730, -5.7055,
10.0215

■ 143.2610, 43.7483,
-125.6399

■ 245.3340, -6.5737,
8.4771

■ 247.6820, -7.7312,
6.4179

■ 249.4430, -8.5994,
4.8735

Harmonies

Analogous

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



199.7130, 5.0715, -40.0903



199.8400, 15.8549, -45.4637



203.0890, 21.6481, -36.9121

Triad

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



199.8400, 15.8549, -45.4637



212.5050, 7.6390, 23.2361



207.2840, -20.8460, 12.9059

Complementary

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



199.8400, 15.8549, -45.4637



180.1600, -15.8549, 45.4637

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.



209.7250, -19.5844, 28.3052



199.8400, 15.8549, -45.4637



212.1230, -3.0186, 34.9721

Square

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



199.8400, 15.8549, -45.4637



211.0880, 16.7186, 4.3078



211.2020, -12.9176, 36.6568



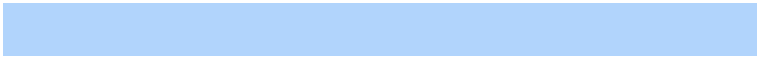
204.3140, -16.4238, -5.5374

Rectangle

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



199.8400, 15.8549, -45.4637



206.0950, 22.6312, -25.5163



211.2020, -12.9176, 36.6568



207.9150, -21.1571, 19.3685

Sweetspot

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



199.8400, 15.8549, -45.4637



244.2800, 5.2850, -15.1546



198.5620, -19.5041, -44.3429



121.1560, 3.3741, -8.9068



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.



199.8400, 15.8549, -45.4637



212.7180, 20.8450, -59.3887



175.7730, 27.7199, -24.3569



110.2380, 2.3477, -6.3477



110.2170, 33.9100, -96.6603



31.6420, 9.5435, -27.7500

Inverse Universe

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



181.3240, 19.0673, 44.4429



188.6060, 24.8442, 58.2275



204.2270, -27.7199, 24.3569



107.7280, 2.5991, 6.3775



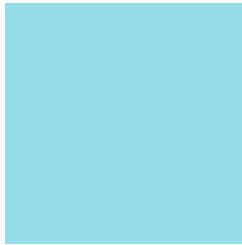
70.9630, 40.4442, 94.7484



20.2650, 11.7014, 26.9546

Previews

White Background



This preview shows how the YUV color 199.8400, 15.8549, -45.4637 looks on a white background.

Color Contrast Check

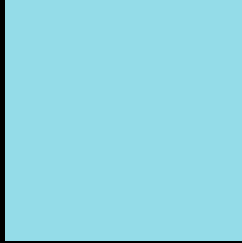
Large Text (above 18pt) WCAG AA × Fail

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 199.8400, 15.8549, -45.4637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

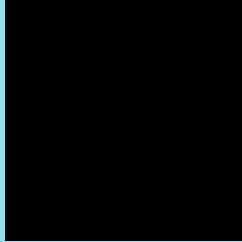
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.8400, 15.8549, -45.4637

Background



This preview shows how black text looks on a background with the YUV color 199.8400, 15.8549, -45.4637.



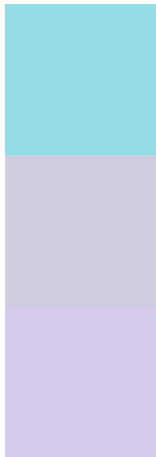
This preview shows how white text looks on a background with the YUV color 199.8400, 15.8549, -45.4637.

-45.4637.

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

199.8400, 15.8549, -45.4637

Protanopia

208.2370, 7.2782, -1.0848

Deuteranopia

209.4640, 13.0822, 3.9781



Tritanopia

200.1220, 18.1809, -44.8340

Trichromacy



Original Color

199.8400, 15.8549, -45.4637

Protanomaly

205.2350, 10.2371, -16.8691

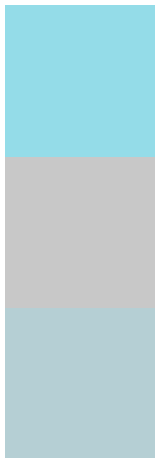
Deuteranomaly

206.2830, 14.1575, -14.2802

Tritanomaly

199.8940, 17.3073, -44.6340

Monochromacy



Original Color

199.8400, 15.8549, -45.4637

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.7960, 6.0166, -16.4841

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.8400, 15.8549, -45.4637 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(148, 220, 232)` looks like.

```
.text, #text, p{  
    color:rgb(148, 220, 232)  
}
```

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(148, 220, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 220, 232) }
```

Border

The CSS property to change the border of an element to YUV 199.8400, 15.8549, -45.4637 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(148, 220, 232) }
```


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

```
.border{ border-color:rgb(148, 220, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 220, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 220, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 220, 232);  
box-shadow:4px 4px 4px 4px rgb(148, 220,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 199.8400, 15.8549, -45.4637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 220, 232) }
```

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

```
.background{ background-color: rgb(148,  
220, 232) }
```

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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