

Converting Colors

YUV(197.7420, -2.3378,
-43.6237)

Have a look what the booklet for
YUV(197.7420, -2.3378, -43.6237)
contains.

YUV(197.7420, -2.3378, -43.6237)	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(197.7420, -2.3378,
-43.6237)**

Conversions

Conversions Part 1

Format	Color
Hex	94E0C1
RGB	148, 224, 193
RGB Percent	58%, 88%, 76%
CMY	0.4196, 0.1216, 0.2431
CMYK	0.34, 0.00, 0.14, 0.12
HSL	156°, 55%, 73%
HSV	156°, 34%, 88%
XYZ	48.4940, 63.4575, 60.1447
YIQ	197.7420, -35.3450, -25.7530

Conversions

Conversions Part 2

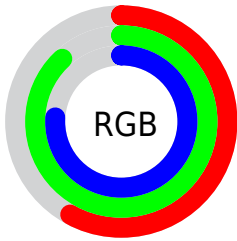
Format	Color
RYB	148, 196, 224
Decimal	9756865
CIELab	83.68, -30.13, 7.77
CIELCh	84, 31.117, 165.547
Yxy	63.4575, 0.2818, 0.3687
Android (android.graphics.Color)	4287946945 (0xFF94E0C1)
YUV	197.7420, -2.3378, -43.6237
Hunter-Lab	79.6602, -30.7415, 10.9973

Details

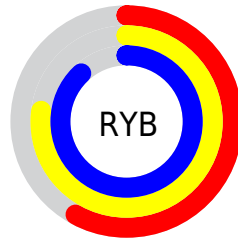
The YUV color **197.7420, -2.3378, -43.6237** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **174.2580, 2.3378, 43.6237**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.0670, 4.8970, -30.7538**, and **142.5680, -1.7590, -42.5941** is the 20% darker color. If you saturate the color by 10%, you get **190.1380, -3.0260, -56.2490**, and if you desaturate by 10%, it is **205.3460, -1.6496, -30.9984**.

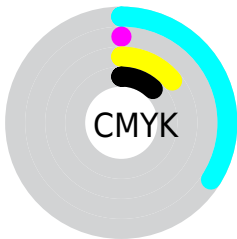
Distribution



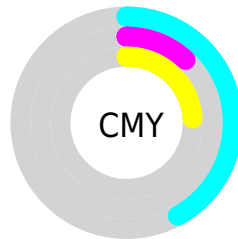
- Red (58%)
- Green (88%)
- Blue (76%)



- Red (58%)
- Yellow (77%)
- Blue (88%)



- Cyan (34%)
- Magenta (0%)
- Yellow (14%)
- Black (12%)



- Cyan (42%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.7420, -2.3378, -43.6237 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 197.7420, -2.3378, -43.6237 by changing the saturation by 10% instead.


 197.7420, -2.3378,
-43.6237


 197.7420, -2.3378,
-43.6237

255.0000, 0.0000,
0.0000


 170.1550, -2.0484,
-43.1089

 239.0670, 4.8970,
-30.7538


 142.5680, -1.7590,
-42.5941

 248.4220, 3.2430,
-13.5251

 116.3830, -1.1748,
-43.3089

 90.1980, -0.5906,
-44.0236

 61.5390, 2.1993,
-52.2157

 44.3450, -0.1701,
-38.8906

 28.4500, -2.6868,

-24.9506

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 197.7420, -2.3378,
-43.6237

■ 197.7420, -2.3378,
-43.6237

■ 190.1380, -3.0260,
-56.2490

■ 205.3460, -1.6496,
-30.9984

■ 182.2350, -3.5669,
-69.4891

■ 213.2490, -1.1088,
-17.7584

■ 174.6310, -4.2551,
-82.1144

■ 220.8530, -0.4205,
-5.1331

■ 166.6140, -5.2327,
-95.2545

■ 228.8700, 0.5571,
8.0070

■ 159.0100, -5.9209,
-107.8798

■ 234.9790, 1.9824,
17.5584

■ 151.4060, -6.6092,
-120.5051

■ 236.0050, 5.9135,
16.6586

■ 146.6500, -6.7295,
-128.6121

■ 236.8030, 8.9711,
15.9588

Harmonies

Analogous

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



201.7100, -17.1120, -18.1627



197.7420, -2.3378, -43.6237



194.5730, 14.0145, -61.8925

Triad

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



197.7420, -2.3378, -43.6237



207.9980, 23.1720, -12.2762



208.6880, -20.0592, 40.6156

Complementary

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



197.7420, -2.3378, -43.6237



174.2580, 2.3378, 43.6237

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.



208.1300, -6.9661, 41.1050



197.7420, -2.3378, -43.6237



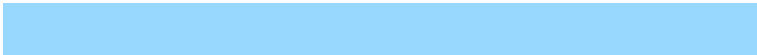
212.9200, 18.2804, 16.7332

Square

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



197.7420, -2.3378, -43.6237



201.3100, 26.4692, -43.2449



212.7240, 5.5591, 37.0761



208.5590, -27.8836, 30.2048

Rectangle

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



197.7420, -2.3378, -43.6237



194.9560, 23.1927, -65.7364



212.7240, 5.5591, 37.0761



207.8390, -15.6966, 41.3602

Sweetspot

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



197.7420, -2.3378, -43.6237



246.3850, -0.6828, -14.3696



202.1800, -26.7107, -19.4519



122.4180, -0.6991, -9.1366



0.0000, 0.0000, 0.0000



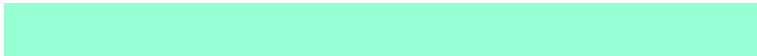
128.0000, 0.0000, 0.0000

Same Dimension

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



197.7420, -2.3378, -43.6237



218.7030, -3.3046, -60.2525



197.7540, 12.9393, -43.6343



108.2550, -0.1257, -6.3626



115.1680, -5.5058, -101.0023



31.4820, -1.2236, -27.6097

Inverse Universe

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



174.2580, 2.3378, 43.6237



186.2970, 3.3046, 60.2525



174.2460, -12.9393, 43.6343



104.8590, 0.5625, 6.2627



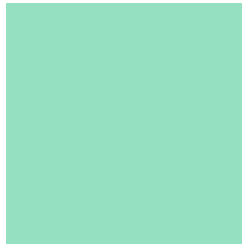
60.8320, 5.5058, 101.0023



16.6320, 1.6604, 27.5097

Previews

White Background



This preview shows how the YUV color 197.7420, -2.3378, -43.6237 looks on a white background.

Color Contrast Check

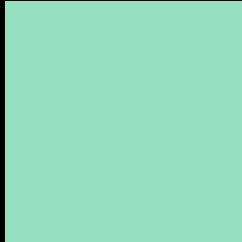
Large Text (above 18pt) WCAG AA × Fail

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 197.7420, -2.3378, -43.6237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

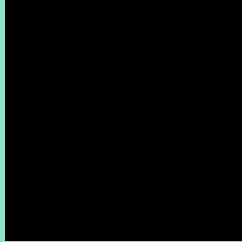
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.7420, -2.3378, -43.6237

Background



This preview shows how black text looks on a background with the YUV color 197.7420, -2.3378, -43.6237.



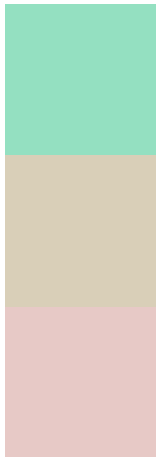
This preview shows how white text looks on a background with the YUV color 197.7420, -2.3378, -43.6237.

-43.6237.

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

197.7420, -2.3378, -43.6237

Protanopia

207.3680, -11.5204, 8.4473

Deuteranopia

209.6280, -5.7326, 18.7432



Tritanopia

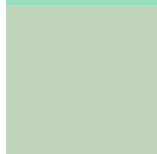
201.6990, 16.4174, -39.2010

Trichromacy



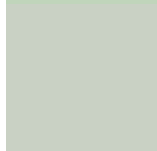
Original Color

197.7420, -2.3378, -43.6237



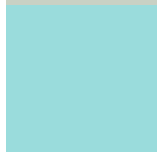
Protanomaly

203.7570, -8.2612, -10.3109



Deuteranomaly

205.1260, -4.4991, -3.6185



Tritanomaly

200.2660, 9.7289, -40.5753

Monochromacy



Original Color

197.7420, -2.3378, -43.6237



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.6730, -0.8248, -15.4992

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.7420, -2.3378, -43.6237 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, 224, 193)` looks like.

```
.text, #text, p{  
    color:rgb(148, 224, 193)  
}
```

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, 224, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 224, 193) }
```

Border

The CSS property to change the border of an element to YUV 197.7420, -2.3378, -43.6237 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, 224, 193) }
```


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

```
.border{ border-color:rgb(148, 224, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 224, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 224, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 224, 193);  
box-shadow:4px 4px 4px 4px rgb(148, 224,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 197.7420, -2.3378, -43.6237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 224, 193) }
```

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

```
.background{ background-color: rgb(148,  
224, 193) }
```

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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