

Converting Colors

YUV(199.7620, 4.0613,
-42.7643)

Have a look what the booklet for
YUV(199.7620, 4.0613, -42.7643)
contains.

YUV(199.7620, 4.0613, -42.7643)	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(199.7620, 4.0613,
-42.7643)**

Conversions

Conversions Part 1

Format	Color
Hex	97DFD0
RGB	151, 223, 208
RGB Percent	59%, 87%, 82%
CMY	0.4078, 0.1255, 0.1843
CMYK	0.32, 0.00, 0.07, 0.13
HSL	168°, 53%, 73%
HSV	168°, 32%, 87%
XYZ	50.5353, 63.9087, 69.3466
YIQ	199.7620, -38.0970, -19.9290

Conversions

Conversions Part 2

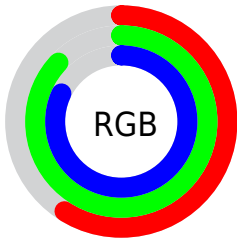
Format	Color
RYB	151, 191, 223
Decimal	9953232
CIELab	83.92, -25.62, 0.20
CIELCh	84, 25.620, 179.558
Yxy	63.9087, 0.2750, 0.3477
Android (android.graphics.Color)	4288143312 (0xFF97DFD0)
YUV	199.7620, 4.0613, -42.7643
Hunter-Lab	79.9429, -27.0627, 4.5288

Details

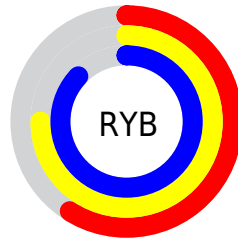
The YUV color **199.7620, 4.0613, -42.7643** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **174.2380, -4.0613, 42.7643**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6480, 7.0755, -29.5093**, and **145.1750, 4.3507, -42.2495** is the 20% darker color. If you saturate the color by 10%, you get **192.6140, 5.1203, -55.7895**, and if you desaturate by 10%, it is **206.9100, 3.0024, -29.7391**.

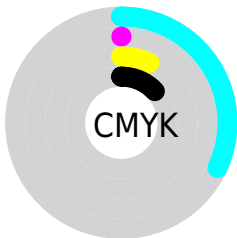
Distribution



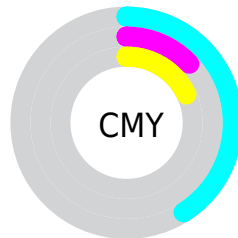
- Red (59%)
- Green (87%)
- Blue (82%)



- Red (59%)
- Yellow (75%)
- Blue (87%)



- Cyan (32%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (41%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.7620, 4.0613, -42.7643 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 199.7620, 4.0613, -42.7643 by changing the saturation by 10% instead.

■ 199.7620, 4.0613,
-42.7643

■ 199.7620, 4.0613,
-42.7643

255.0000, 0.0000,
0.0000

■ 172.0610, 3.9139,
-42.1495

■ 240.6480, 7.0755,
-29.5093

■ 145.1750, 4.3507,
-42.2495

■ 249.3190, 2.8007,
-11.6808

■ 118.2890, 4.7875,
-42.3495

■ 92.1040, 5.3717,
-43.0642

■ 64.2280, 7.2826,
-49.3120

■ 45.1260, 5.3609,
-39.5755

■ 29.8180, 2.5547,

-26.1504

■ 14.9830, -0.9776,
-13.1401

■ 0.0000, 0.0000,
0.0000

■ 199.7620, 4.0613,
-42.7643

■ 199.7620, 4.0613,
-42.7643

■ 192.6140, 5.1203,
-55.7895

■ 206.9100, 3.0024,
-29.7391

■ 185.2810, 6.7635,
-69.5294

■ 214.2430, 1.3592,
-15.9991

■ 178.1330, 7.8224,
-82.5546

■ 221.3910, 0.3002,
-2.9739

■ 170.9850, 8.8814,
-95.5798

■ 228.5390, -0.7587,
10.0513

■ 163.6520, 10.5246,
-109.3198

■ 233.4800, -1.2226,
18.8730

■ 156.5040, 11.5835,
-122.3450

■ 234.0500, 0.9614,
18.3732

■ 151.0790, 12.7791,
-132.4963

■ 234.6200, 3.1453,
17.8733

■ 235.0760, 4.8925,
17.4733

■ 235.6460, 7.0765,
16.9735

Harmonies

Analogous

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



202.1420, -8.9440, -24.6805



199.7620, 4.0613, -42.7643



198.9210, 16.3079, -50.7967

Triad

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



199.7620, 4.0613, -42.7643



211.4620, 19.4922, 1.3488



210.7040, -21.0531, 32.7086

Complementary

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



199.7620, 4.0613, -42.7643



174.2380, -4.0613, 42.7643

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.



211.4410, -12.0494, 38.2012



199.7620, 4.0613, -42.7643



213.4880, 10.1124, 23.2510

Square

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



199.7620, 4.0613, -42.7643



206.7470, 23.7887, -23.4571



212.8890, -1.4243, 36.9313



208.0350, -23.1883, 17.5093

Rectangle

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



199.7620, 4.0613, -42.7643



200.7240, 21.8281, -47.9929



212.8890, -1.4243, 36.9313



211.0080, -18.7379, 36.8270

Sweetspot

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



199.7620, 4.0613, -42.7643



246.9550, 1.5012, -14.8695



198.0480, -23.1947, -27.2291



122.7600, 0.6113, -9.4365



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.



199.7620, 4.0613, -42.7643



223.0050, 5.4205, -58.7634



189.7320, 16.4011, -33.9680



108.4830, 0.7479, -6.5626



119.1580, 9.7821, -104.5016



32.5080, 2.7076, -28.5095

Inverse Universe

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



174.2380, -4.0613, 42.7643



187.8810, -5.8573, 58.8634



184.2680, -16.4011, 33.9680



104.5170, -0.7479, 6.5626



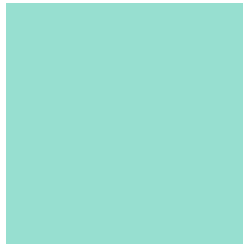
56.8420, -9.7821, 104.5016



15.4920, -2.7076, 28.5095

Previews

White Background



This preview shows how the YUV color 199.7620, 4.0613, -42.7643 looks on a white background.

Color Contrast Check

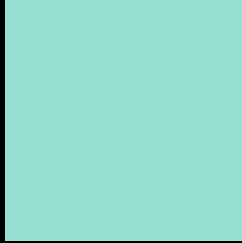
Large Text (above 18pt) WCAG AA × Fail

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 199.7620, 4.0613, -42.7643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

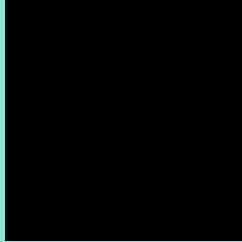
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

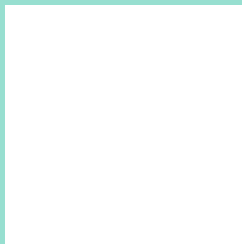
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.7620, 4.0613, -42.7643

Background



This preview shows how black text looks on a background with the YUV color 199.7620, 4.0613, -42.7643.



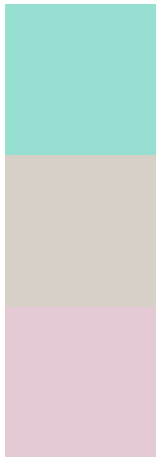
This preview shows how white text looks on a background with the YUV color 199.7620, 4.0613, -42.7643.

-42.7643.

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

199.7620, 4.0613, -42.7643

Protanopia

208.7680, -4.8156, 4.5885

Deuteranopia

210.6150, 0.6828, 14.3696



Tritanopia

202.4000, 16.5648, -39.8158

Trichromacy



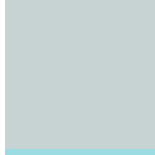
Original Color

199.7620, 4.0613, -42.7643



Protanomaly

205.1680, -1.5618, -12.4253



Deuteranomaly

206.8250, 2.0583, -6.8625



Tritanomaly

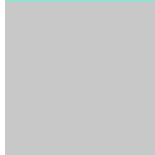
201.2490, 12.2022, -40.5604

Monochromacy



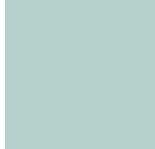
Original Color

199.7620, 4.0613, -42.7643



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

199.6560, 1.6486, -15.4843

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.7620, 4.0613, -42.7643 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, 223, 208)` looks like.

```
.text, #text, p{  
    color:rgb(151, 223, 208)  
}
```

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, 223, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 223, 208) }
```

Border

The CSS property to change the border of an element to YUV 199.7620, 4.0613, -42.7643 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, 223, 208) }
```


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

```
.border{ border-color:rgb(151, 223, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 223, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 223, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 223, 208); box-shadow:4px 4px 4px 4px rgb(151, 223, 208) }
```

Background

The CSS property to change the background color of an element to YUV 199.7620, 4.0613, -42.7643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 223, 208) }
```

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

```
.background{ background-color: rgb(151,  
223, 208) }
```

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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