

Converting Colors

YUV(199.3320, -7.0657,
-20.4622)

Have a look what the booklet for
YUV(199.3320, -7.0657, -20.4622)
contains.

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Color

**YUV(199.3320, -7.0657,
-20.4622)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D6B9
RGB	176, 214, 185
RGB Percent	69%, 84%, 73%
CMY	0.3098, 0.1608, 0.2745
CMYK	0.18, 0.00, 0.14, 0.16
HSL	134°, 32%, 76%
HSV	134°, 18%, 84%
XYZ	50.7080, 60.8260, 54.9669
YIQ	199.3320, -13.3390, -17.0750

Conversions

Conversions Part 2

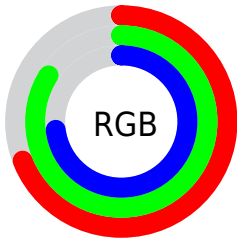
Format	Color
R _{YB}	176, 207, 214
Decimal	11589305
CIE _{Lab}	82.29, -18.12, 10.21
CIE _{LCh}	82, 20.797, 150.604
Y _{xy}	60.8260, 0.3046, 0.3653
Android (android.graphics.Color)	4289779385 (0xFFB0D6B9)
YUV	199.3320, -7.0657, -20.4622
Hunter-Lab	77.9910, -20.4276, 12.8070

Details

The YUV color **199.3320, -7.0657, -20.4622** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **190.6680, 7.0657, 20.4622**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.5270, -2.7248, -12.7402**, and **145.1580, -6.4869, -19.4326** is the 20% darker color. If you saturate the color by 10%, you get **191.2290, -10.9589, -31.7728**, and if you desaturate by 10%, it is **207.4350, -3.1725, -9.1515**.

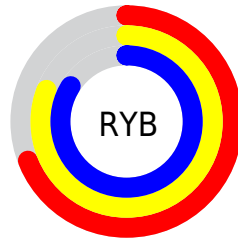
Distribution



Red (69%)

Green (84%)

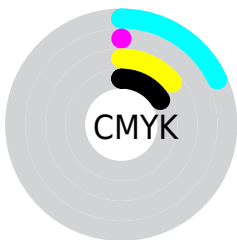
Blue (73%)



Red (69%)

Yellow (81%)

Blue (84%)

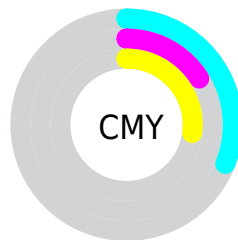


Cyan (18%)

Magenta (0%)

Yellow (14%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.3320, -7.0657, -20.4622 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 199.3320, -7.0657, -20.4622 by changing the saturation by 10% instead.

■ 199.3320, -7.0657,
-20.4622

■ 199.3320, -7.0657,
-20.4622

255.0000, 0.0000,
0.0000

■ 171.7450, -6.7763,
-19.9474

■ 246.5270, -2.7248,
-12.7402

■ 145.1580, -6.4869,
-19.4326

■ 119.5710, -6.1975,
-18.9178

■ 94.5710, -6.1975,
-18.9178

■ 70.3970, -5.6187,
-17.8882

■ 47.6250, -4.7451,
-18.0881

■ 25.7390, -4.3083,

-18.1881

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 199.3320, -7.0657,
-20.4622

■ 199.3320, -7.0657,
-20.4622

■ 191.2290,
-10.9589, -31.7728

■ 207.4350, -3.1725,
-9.1515

■ 182.7130,
-15.1415, -43.5983

■ 215.9510, 1.0102,
2.6740

■ 174.6100,
-19.0347, -54.9090

■ 224.0540, 4.9034,
13.9846

■ 166.2080,
-22.7805, -66.8344

■ 230.3630, 9.6810,
21.6066

■ 157.9910,
-27.1106, -78.0451

■ 230.9330, 11.8650,
21.1068

■ 149.8880,
-31.0038, -89.3558

■ 141.4860,
-34.7496, -101.2812

■ 133.2690,
-39.0796, -112.4919

■ 131.4320,
-39.6530, -115.2659

Harmonies

Analogous

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



201.9660, -15.2662, -3.4782



199.3320, -7.0657, -20.4622



197.5890, 3.1606, -33.8426

Triad

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



199.3320, -7.0657, -20.4622



203.3410, 19.5519, -17.8391



207.1630, -10.4334, 33.1830

Complementary

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



199.3320, -7.0657, -20.4622



190.6680, 7.0657, 20.4622

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.



208.1440, -1.5500, 30.5687



199.3320, -7.0657, -20.4622



207.0230, 15.2717, 1.7338

Square

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



199.3320, -7.0657, -20.4622



199.7150, 18.8745, -33.9531



208.4830, 7.6499, 19.7474



205.6970, -17.1056, 26.5757

Rectangle

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



199.3320, -7.0657, -20.4622



197.3910, 10.1602, -38.9309



208.4830, 7.6499, 19.7474



208.1460, -7.9600, 33.1980

Sweetspot

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



199.3320, -7.0657, -20.4622



249.9730, -2.4517, -6.9923



206.9770, -15.2717, -1.7338



124.9240, -1.4415, -4.3183



0.0000, 0.0000, 0.0000



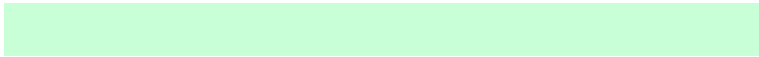
128.0000, 0.0000, 0.0000

Same Dimension

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



199.3320, -7.0657, -20.4622



234.1800, -9.9487, -29.0989



201.4980, 1.2335, -22.3617



102.7990, -1.8729, -5.9627



104.9370, -32.0139, -92.0297



26.3810, -8.0758, -23.1361

Inverse Universe

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



190.6680, 7.0657, 20.4622



221.8200, 9.9487, 29.0989



188.5020, -1.2335, 22.3617



100.3150, 2.3097, 5.8627



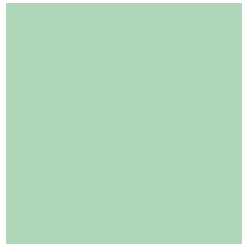
65.9490, 31.5771, 92.1297



16.6190, 8.0758, 23.1361

Previews

White Background



This preview shows how the YUV color 199.3320, -7.0657, -20.4622 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 199.3320, -7.0657, -20.4622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

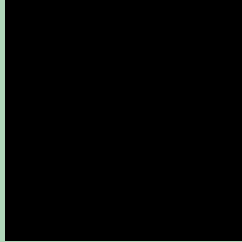
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

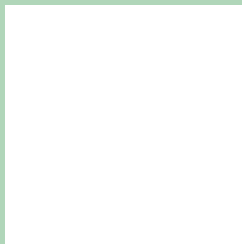
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.3320, -7.0657, -20.4622

Background



This preview shows how black text looks on a background with the YUV color 199.3320, -7.0657, -20.4622.



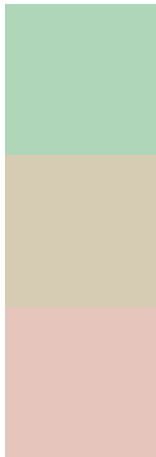
This preview shows how white text looks on a background with the YUV color 199.3320, -7.0657, -20.4622.

-20.4622.

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

199.3320, -7.0657, -20.4622

Protanopia

204.2540, -11.9572, 8.5472

Deuteranopia

205.8410, -8.7956, 21.1874



Tritanopia

202.4630, 11.1107, -17.0691

Trichromacy



Original Color

199.3320, -7.0657, -20.4622

Protanomaly

202.6440, -10.1775, -2.3188

Deuteranomaly

203.2690, -8.0206, 5.9031

Tritanomaly

201.0300, 4.4222, -18.4433

Monochromacy



Original Color

199.3320, -7.0657, -20.4622

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.9730, -2.4517, -6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.3320, -7.0657, -20.4622 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(176, 214, 185)` looks like.

```
.text, #text, p{  
    color:rgb(176, 214, 185)  
}
```

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(176, 214, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 214, 185) }
```

Border

The CSS property to change the border of an element to YUV 199.3320, -7.0657, -20.4622 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(176, 214, 185) }
```


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

```
.border{ border-color:rgb(176, 214, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 214, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 214, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 214, 185);  
box-shadow:4px 4px 4px 4px rgb(176, 214,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 199.3320, -7.0657, -20.4622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 214, 185) }
```

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

```
.background{ background-color: rgb(176,  
214, 185) }
```

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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