

Converting Colors

YUV(199.3300, -20.3757,
48.8226)

Have a look what the booklet for
YUV(199.3300, -20.3757, 48.8226)
contains.

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Color

**YUV(199.3300, -20.3757,
48.8226)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB39E
RGB	255, 179, 158
RGB Percent	100%, 70%, 62%
CMY	0.0000, 0.2980, 0.3804
CMYK	0.00, 0.30, 0.38, 0.00
HSL	13°, 100%, 81%
HSV	13°, 38%, 100%
XYZ	63.5317, 55.9688, 39.8023
YIQ	199.3300, 52.0370, 9.5810

Conversions

Conversions Part 2

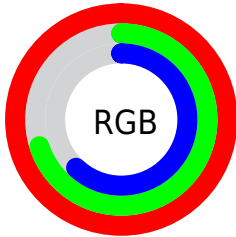
Format	Color
R _Y B	255, 185, 158
Decimal	16757662
CIE Lab	79.60, 25.12, 21.82
CIE LCh	80, 33.273, 40.974
Yxy	55.9688, 0.3988, 0.3513
Android (android.graphics.Color)	4294947742 (0xFFFFB39E)
YUV	199.3300, -20.3757, 48.8226
Hunter-Lab	74.8123, 20.6631, 20.8246

Details

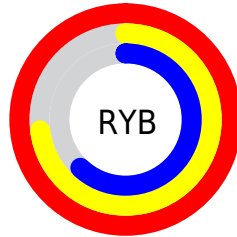
The YUV color $199.3300, -20.3757, 48.8226$ is a light color, and the websafe version is hex FF9999 . A complement of this color would be $213.6700, 20.3757, -48.8226$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.4720, -12.5577, 14.4951$, and $144.7640, -18.6177, 44.9340$ is the 20% darker color. If you saturate the color by 10%, you get $184.6260, -25.9446, 61.7180$, and if you desaturate by 10%, it is $214.0340, -14.8068, 35.9272$.

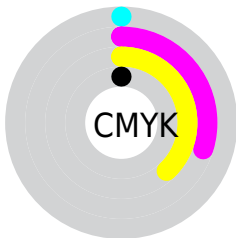
Distribution



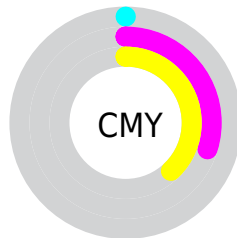
- Red (100%)
- Green (70%)
- Blue (62%)



- Red (100%)
- Yellow (73%)
- Blue (62%)



- Cyan (0%)
- Magenta (30%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.3300, -20.3757, 48.8226 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 199.3300, -20.3757, 48.8226 by changing the saturation by 10% instead.

199.3300,
-20.3757, 48.8226

199.3300,
-20.3757, 48.8226

255.0000, 0.0000,
0.0000

171.5470,
-19.4967, 46.8783

238.4720,
-12.5577, 14.4951

144.7640,
-18.6177, 44.9340

253.4040, -6.1152,
1.3997

118.2800,
-17.8860, 43.6044

93.1980, -16.8596,
41.0454

68.2300, -15.3964,
38.3863

44.2620, -13.9332,
35.7272

21.4620, -10.5808,

33.7978

■ 11.1770, -5.0173,
22.6468

■ 0.0000, 0.0000,
0.0000

■ 199.3300,
-20.3757, 48.8226

■ 199.3300,
-20.3757, 48.8226

■ 184.6260,
-25.9446, 61.7180

■ 214.0340,
-14.8068, 35.9272

■ 170.0360,
-31.0767, 74.5134

■ 228.6240, -9.6746,
23.1318

■ 155.4460,
-36.2089, 87.3089

■ 243.3280, -4.1057,
10.2363

■ 140.7420,
-41.7778, 100.2043

■ 255.0000, 0.0000,
0.0000

■ 126.1520,
-46.9099, 112.9997

■ 111.4480,
-52.4789, 125.8951

■ 108.5300,
-53.5053, 128.4542

Harmonies

Analogous

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



199.7010, -6.2616, 48.4972



199.3300, -20.3757, 48.8226



197.3530, -28.7680, 33.8934

Triad

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



199.3300, -20.3757, 48.8226



186.0580, -4.9586, -43.0239



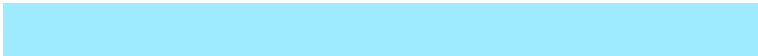
196.1480, 29.0140, -19.4238

Complementary

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



199.3300, -20.3757, 48.8226



213.6700, 20.3757, -48.8226

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.



188.5630, 32.7534, -52.2368



199.3300, -20.3757, 48.8226



181.0240, 13.2992, -65.7960

Square

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



199.3300, -20.3757, 48.8226



190.9230, -20.1750, -15.7185



181.0630, 27.5769, -71.9693



200.9950, 21.2015, 13.1594

Rectangle

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



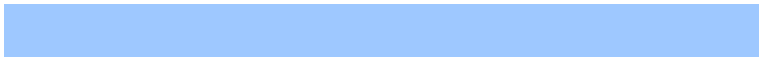
199.3300, -20.3757, 48.8226



195.6240, -29.8876, 19.6238



181.0630, 27.5769, -71.9693



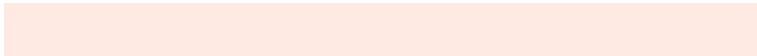
193.7120, 30.2150, -31.3194

Sweetspot

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



199.3300, -20.3757, 48.8226



238.8940, -5.8637, 14.1250



195.8950, 19.7718, 51.8351



118.4310, -3.6635, 8.3920



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.



199.3300, -20.3757, 48.8226



187.6580, -24.4814, 59.0589



226.9190, -33.9771, 24.6270



120.6480, -2.7845, 6.4477



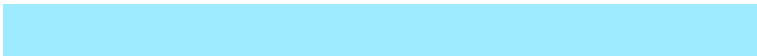
81.1760, -40.0198, 96.3156



27.3540, -13.4855, 32.1385

Inverse Universe

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



213.6700, 20.3757, -48.8226



205.3420, 24.4814, -59.0589



186.0810, 33.9771, -24.6270



122.3520, 2.7845, -6.4477



109.8240, 40.0198, -96.3156



36.6460, 13.4855, -32.1385

Previews

White Background



This preview shows how the YUV color 199.3300, -20.3757, 48.8226 looks on a white background.

Color Contrast Check

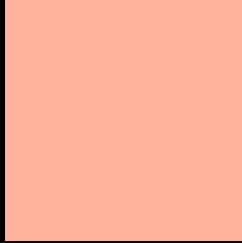
Large Text (above 18pt) WCAG AA × Fail

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 199.3300, -20.3757, 48.8226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

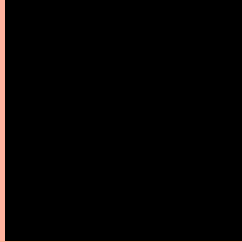
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.3300, -20.3757, 48.8226

Background



This preview shows how black text looks on a background with the YUV color 199.3300, -20.3757, 48.8226.



This preview shows how white text looks on a background with the YUV color 199.3300, -20.3757,

48.8226.

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

199.3300, -20.3757, 48.8226

Protanopia

196.8690, -14.7254, 9.7619

Deuteranopia

198.3830, -20.8948, 28.6051



Tritanopia

200.9890, -6.4036, 47.3676

Trichromacy



Original Color

199.3300, -20.3757, 48.8226

Protanomaly

197.5010, -16.5160, 24.1166

Deuteranomaly

198.8400, -20.6271, 36.0973

Tritanomaly

200.3220, -11.4977, 47.9526

Monochromacy



Original Color

199.3300, -20.3757, 48.8226

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.1610, -7.4744, 17.3988

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.3300, -20.3757, 48.8226 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(255, 179, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 158)  
}
```

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(255, 179, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 158) }
```

Border

The CSS property to change the border of an element to YUV 199.3300, -20.3757, 48.8226 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(255, 179, 158) }
```


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

```
.border{ border-color:rgb(255, 179, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 199.3300, -20.3757, 48.8226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 158) }
```

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

```
.background{ background-color: rgb(255,  
179, 158) }
```

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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