

Converting Colors

YUV(199.6720, -19.0653,
48.5227)

Have a look what the booklet for
YUV(199.6720, -19.0653, 48.5227)
contains.

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Color

**YUV(199.6720, -19.0653,
48.5227)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3A1
RGB	255, 179, 161
RGB Percent	100%, 70%, 63%
CMY	0.0000, 0.2980, 0.3686
CMYK	0.00, 0.30, 0.37, 0.00
HSL	11°, 100%, 82%
HSV	11°, 37%, 100%
XYZ	63.7931, 56.0734, 41.1792
YIQ	199.6720, 51.0740, 10.5140

Conversions

Conversions Part 2

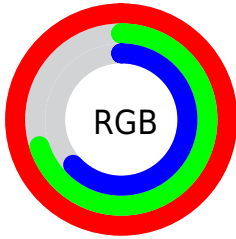
Format	Color
R _Y B	255, 183, 161
Decimal	16757665
CIE Lab	79.66, 25.46, 20.29
CIE LCh	80, 32.559, 38.548
Yxy	56.0734, 0.3961, 0.3482
Android (android.graphics.Color)	4294947745 (0xFFFFB3A1)
YUV	199.6720, -19.0653, 48.5227
Hunter-Lab	74.8822, 21.0227, 19.8128

Details

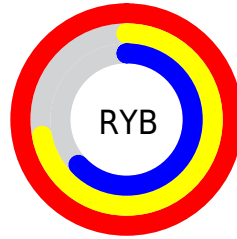
The YUV color $199.6720, -19.0653, 48.5227$ is a light color, and the websafe version is hex FF9999 . A complement of this color would be $216.3280, 19.0653, -48.5227$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.8140, -11.2473, 14.1951$, and $144.9920, -17.7441, 44.7340$ is the 20% darker color. If you saturate the color by 10%, you get $184.3810, -24.3448, 61.9329$, and if you desaturate by 10%, it is $214.9630, -13.7858, 35.1124$.

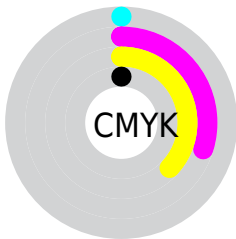
Distribution



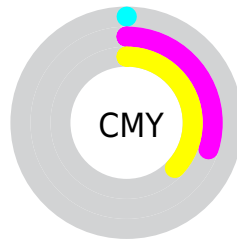
- Red (100%)
- Green (70%)
- Blue (63%)



- Red (100%)
- Yellow (72%)
- Blue (63%)



- Cyan (0%)
- Magenta (30%)
- Yellow (37%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.6720, -19.0653, 48.5227 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 199.6720, -19.0653, 48.5227 by changing the saturation by 10% instead.

199.6720,
-19.0653, 48.5227

199.6720,
-19.0653, 48.5227

255.0000, 0.0000,
0.0000

171.8890,
-18.1863, 46.5783

238.8140,
-11.2473, 14.1951

144.9920,
-17.7441, 44.7340

253.7460, -4.8048,
1.0998

118.6220,
-16.5756, 43.3045

93.5400, -15.5492,
40.7454

68.5720, -14.0860,
38.0864

44.9030, -12.7702,
36.0421

21.4620, -10.5808,

33.7978

■ 11.4760, -5.1647,
23.2615

■ 0.0000, 0.0000,
0.0000

■ 199.6720,
-19.0653, 48.5227

■ 199.6720,
-19.0653, 48.5227

■ 184.3810,
-24.3448, 61.9329

■ 214.9630,
-13.7858, 35.1124

■ 169.7910,
-29.4770, 74.7283

■ 229.5530, -8.6536,
22.3170

■ 154.5000,
-34.7565, 88.1385

■ 244.8440, -3.3741,
8.9068

■ 139.9100,
-39.8886, 100.9339

■ 255.0000, 0.0000,
0.0000

■ 124.6190,
-45.1682, 114.3441

■ 109.4420,
-50.0109, 127.6544

■ 105.0080,
-51.7689, 131.5430

Harmonies

Analogous

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



200.6300, -5.2406, 47.6825



199.6720, -19.0653, 48.5227



197.7060, -27.4631, 35.3378

Triad

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



199.6720, -19.0653, 48.5227



186.7380, -6.2798, -39.2352



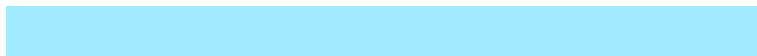
195.8380, 29.1669, -21.7829

Complementary

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



199.6720, -19.0653, 48.5227



216.3280, 19.0653, -48.5227

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.



188.6230, 31.7379, -53.1664



199.6720, -19.0653, 48.5227



182.1770, 11.2517, -62.4222

Square

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



199.6720, -19.0653, 48.5227



191.4180, -20.9121, -12.6446



181.6180, 25.8243, -69.8250



201.3860, 21.5017, 10.1855

Rectangle

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



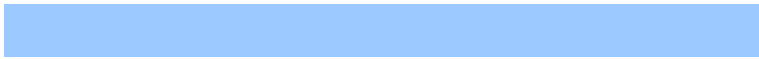
199.6720, -19.0653, 48.5227



195.8630, -29.0195, 21.1681



181.6180, 25.8243, -69.8250



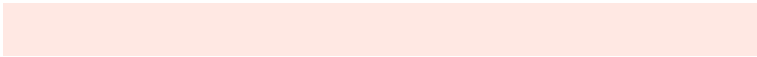
193.7010, 30.2204, -33.0638

Sweetspot

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



199.6720, -19.0653, 48.5227



238.3070, -5.5744, 14.6398



197.8840, 19.7772, 50.0907



117.8440, -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.



199.6720, -19.0653, 48.5227



188.8150, -22.5868, 58.0442



226.6740, -32.3773, 24.8419



120.0610, -2.4951, 6.9625



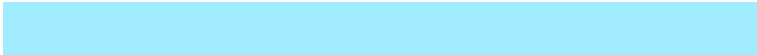
78.8280, -38.8622, 98.3748



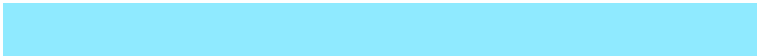
26.1800, -12.9067, 33.1681

Inverse Universe

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



216.3280, 19.0653, -48.5227



209.1850, 22.5868, -58.0442



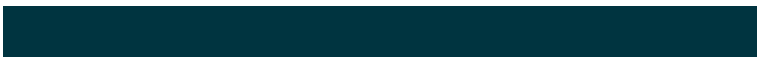
189.3260, 32.3773, -24.8419



122.3520, 2.7845, -6.4477



112.7590, 38.5728, -98.8896



37.8200, 12.9067, -33.1681

Previews

White Background



This preview shows how the YUV color 199.6720, -19.0653, 48.5227 looks on a white background.

Color Contrast Check

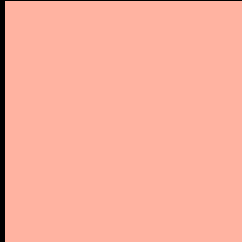
Large Text (above 18pt) WCAG AA × Fail

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 199.6720, -19.0653, 48.5227 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 199.6720, -19.0653, 48.5227

Background



This preview shows how black text looks on a background with the YUV color 199.6720, -19.0653, 48.5227.



This preview shows how white text looks on a background with the YUV color 199.6720, -19.0653,

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

199.6720, -19.0653, 48.5227

Protanopia

197.2110, -13.4150, 9.4620

Deuteranopia

198.4260, -19.4370, 27.6904



Tritanopia

201.1030, -5.9668, 47.2677

Trichromacy



Original Color

199.6720, -19.0653, 48.5227

Protanomaly

197.8430, -15.2056, 23.8167

Deuteranomaly

198.8830, -19.1693, 35.1826

Tritanomaly

200.5500, -10.6242, 47.7526

Monochromacy



Original Color

199.6720, -19.0653, 48.5227

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.6880, -6.7482, 17.8136

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.6720, -19.0653, 48.5227 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 161) }
```

Border

The CSS property to change the border of an element to YUV 199.6720, -19.0653, 48.5227 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, 161) }
```


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

```
.border{ border-color:rgb(255, 179, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 199.6720, -19.0653, 48.5227 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, 161) }
```

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

```
.background{ background-color: rgb(255,  
179, 161) }
```

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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