

Converting Colors

YUV(199.9340, -23.1385,
48.2929)

Have a look what the booklet for
YUV(199.9340, -23.1385, 48.2929)
contains.

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Color

**YUV(199.9340, -23.1385,
48.2929)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB599
RGB	255, 181, 153
RGB Percent	100%, 71%, 60%
CMY	0.0000, 0.2902, 0.4000
CMYK	0.00, 0.29, 0.40, 0.00
HSL	16°, 100%, 80%
HSV	16°, 40%, 100%
XYZ	63.5136, 56.6077, 37.7158
YIQ	199.9340, 53.0920, 6.9800

Conversions

Conversions Part 2

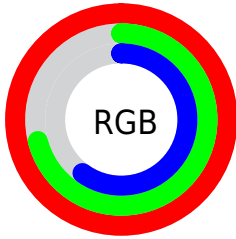
Format	Color
R_{YB}	255, 192, 153
Decimal	16758169
CIE _{Lab}	79.96, 23.52, 24.99
CIE _{LCh}	80, 34.314, 46.733
Yxy	56.6077, 0.4024, 0.3586
Android (android.graphics.Color)	4294948249 (0xFFFFB599)
YUV	199.9340, -23.1385, 48.2929
Hunter-Lab	75.2381, 19.0176, 22.9454

Details

The YUV color **199.9340, -23.1385, 48.2929** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **208.0660, 23.1385, -48.2929**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.9620, -15.7573, 14.0653**, and **145.3680, -21.3804, 44.4043** is the 20% darker color. If you saturate the color by 10%, you get **186.5180, -28.8494, 60.0587**, and if you desaturate by 10%, it is **214.0510, -17.2801, 35.9123**.

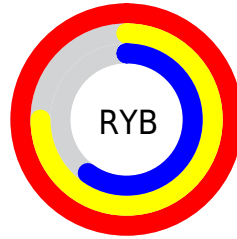
Distribution



Red (100%)

Green (71%)

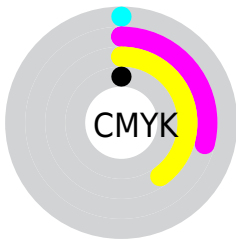
Blue (60%)



Red (100%)

Yellow (75%)

Blue (60%)

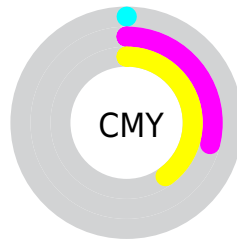


Cyan (0%)

Magenta (29%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.9340, -23.1385, 48.2929 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 199.9340, -23.1385, 48.2929 by changing the saturation by 10% instead.

199.9340,
-23.1385, 48.2929

199.9340,
-23.1385, 48.2929

255.0000, 0.0000,
0.0000

172.1510,
-22.2594, 46.3486

238.9620,
-15.7573, 14.0653

145.3680,
-21.3804, 44.4043

252.8340, -8.2992,
1.8996

118.6990,
-20.0646, 42.3600

93.5030, -19.4750,
39.9009

68.9480, -17.7224,
37.7566

45.4530, -16.9853,
34.6827

22.9240, -11.3015,

31.6387

■ 11.1770, -5.0173,
22.6468

■ 0.0000, 0.0000,
0.0000

■ 199.9340,
-23.1385, 48.2929

■ 199.9340,
-23.1385, 48.2929

■ 186.5180,
-28.8494, 60.0587

■ 214.0510,
-17.2801, 35.9123

■ 172.4010,
-34.7077, 72.4393

■ 227.4670,
-11.5692, 24.1464

■ 158.9850,
-40.4186, 84.2052

■ 241.5840, -5.7109,
11.7658

■ 144.8680,
-46.2769, 96.5858

255.0000, 0.0000,
0.0000

■ 131.3380,
-52.4246, 108.4516

■ 117.3350,
-57.8462, 120.7322

Harmonies

Analogous

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



199.6040, -9.1718, 48.5823



199.9340, -23.1385, 48.2929



197.2880, -30.2150, 31.3194

Triad

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



199.9340, -23.1385, 48.2929



185.5240, -1.7373, -49.5715



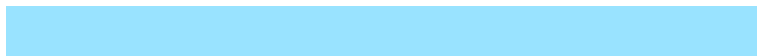
198.2520, 27.9768, -13.3760

Complementary

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



199.9340, -23.1385, 48.2929



208.0660, 23.1385, -48.2929

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.



190.3570, 31.8690, -48.5481



199.9340, -23.1385, 48.2929



181.0170, 17.2466, -71.9289

Square

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



199.9340, -23.1385, 48.2929



190.3460, -18.4116, -21.3514



182.4480, 30.3451, -73.1839



202.8710, 19.2906, 19.4071

Rectangle

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



199.9340, -23.1385, 48.2929



196.0750, -30.6030, 15.7202



182.4480, 30.3451, -73.1839



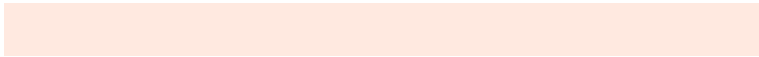
195.8160, 29.1777, -25.2716

Sweetspot

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



199.9340, -23.1385, 48.2929



238.5520, -7.1741, 14.4249



192.0480, 17.7243, 55.2089



118.3170, -4.1003, 8.4920



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.



199.9340, -23.1385, 48.2929



188.8490, -27.5336, 58.0144



229.2840, -37.6080, 22.5529



120.6480, -2.7845, 6.4477



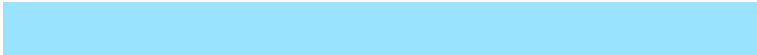
88.2200, -43.4925, 90.1381



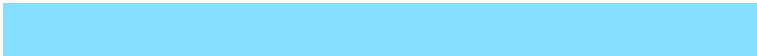
29.7020, -14.6431, 30.0793

Inverse Universe

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



208.0660, 23.1385, -48.2929



198.5640, 27.8229, -57.4996



178.7160, 37.6080, -22.5529



121.7650, 3.0739, -5.9329



103.3670, 43.2031, -90.6529



34.2980, 14.6431, -30.0793

Previews

White Background



This preview shows how the YUV color 199.9340, -23.1385, 48.2929 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 199.9340, -23.1385, 48.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

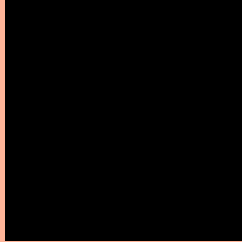
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.9340, -23.1385, 48.2929

Background



This preview shows how black text looks on a background with the YUV color 199.9340, -23.1385, 48.2929.



This preview shows how white text looks on a background with the YUV color 199.9340, -23.1385,

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

199.9340, -23.1385, 48.2929

Protanopia

197.6690, -18.0778, 11.6913

Deuteranopia

199.2970, -23.8104, 30.4345



Tritanopia

201.8040, -5.8194, 46.6529

Trichromacy



Original Color

199.9340, -23.1385, 48.2929

Protanomaly

198.5890, -20.0104, 24.9164

Deuteranomaly

199.4550, -23.3953, 37.3120

Tritanomaly

200.9090, -11.7871, 47.4378

Monochromacy



Original Color

199.9340, -23.1385, 48.2929

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.9330, -8.3480, 17.5988

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.9340, -23.1385, 48.2929 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, 181, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 153)  
}
```

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, 181, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 153) }
```

Border

The CSS property to change the border of an element to YUV 199.9340, -23.1385, 48.2929 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, 181, 153) }
```


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

```
.border{ border-color:rgb(255, 181, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 199.9340, -23.1385, 48.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 153) }
```

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

```
.background{ background-color: rgb(255,  
181, 153) }
```

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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