

Converting Colors

YUV(198.0590, -22.7071,
49.9373)

Have a look what the booklet for
YUV(198.0590, -22.7071, 49.9373)
contains.

YUV(198.0590, -22.7071, 49.9373)	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(198.0590, -22.7071,
49.9373)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB298
RGB	255, 178, 152
RGB Percent	100%, 70%, 60%
CMY	0.0000, 0.3020, 0.4039
CMYK	0.00, 0.30, 0.40, 0.00
HSL	15°, 100%, 80%
HSV	15°, 40%, 100%
XYZ	62.8279, 55.3678, 37.0814
YIQ	198.0590, 54.2380, 8.2380

Conversions

Conversions Part 2

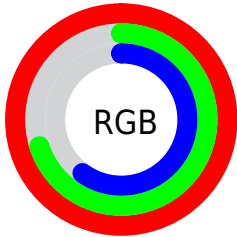
Format	Color
R _Y B	255, 187, 152
Decimal	16757400
CIE Lab	79.25, 24.98, 24.56
CIE LCh	79, 35.033, 44.514
Yxy	55.3678, 0.4046, 0.3566
Android (android.graphics.Color)	4294947480 (0xFFFFB298)
YUV	198.0590, -22.7071, 49.9373
Hunter-Lab	74.4095, 20.5003, 22.5400

Details

The YUV color **198.0590, -22.7071, 49.9373** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **208.9410, 22.7071, -49.9373**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.0870, -15.3259, 15.7097**, and **143.4930, -20.9490, 46.0486** is the 20% darker color. If you saturate the color by 10%, you get **184.0560, -28.1286, 62.2179**, and if you desaturate by 10%, it is **212.1760, -16.8488, 37.5566**.

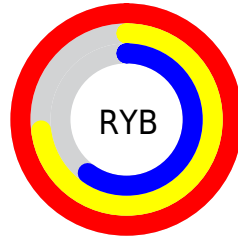
Distribution



Red (100%)

Green (70%)

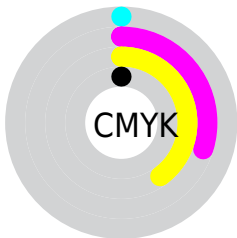
Blue (60%)



Red (100%)

Yellow (73%)

Blue (60%)

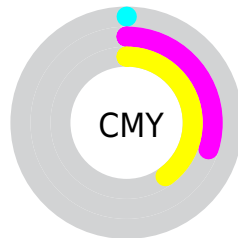


Cyan (0%)

Magenta (30%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.0590, -22.7071, 49.9373 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 198.0590, -22.7071, 49.9373 by changing the saturation by 10% instead.

198.0590,
-22.7071, 49.9373

198.0590,
-22.7071, 49.9373

255.0000, 0.0000,
0.0000

170.2760,
-21.8281, 47.9929

237.0870,
-15.3259, 15.7097

143.4930,
-20.9490, 46.0486

252.7200, -8.7360,
1.9996

117.4110,
-19.9226, 43.4896

91.7420, -18.6068,
41.4453

67.6600, -17.5804,
38.8862

43.5780, -16.5540,
36.3271

21.1630, -10.4334,

33.1830

■ 10.5790, -4.7224,
21.4172

■ 0.0000, 0.0000,
0.0000

■ 198.0590,
-22.7071, 49.9373

■ 198.0590,
-22.7071, 49.9373

■ 184.0560,
-28.1286, 62.2179

■ 212.1760,
-16.8488, 37.5566

■ 169.9390,
-33.9869, 74.5985

■ 226.1790,
-11.4272, 25.2760

■ 155.9360,
-39.4084, 86.8791

■ 240.2960, -5.5689,
12.8954

■ 141.8190,
-45.2668, 99.2597

■ 254.2990, -0.1474,
0.6148

■ 127.7020, 255.0000, 0.0000,
-51.1251, 111.6403 0.0000

■ 113.8130,
-56.1098, 123.8210

Harmonies

Analogous

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



197.8430, -8.3036, 50.1267



198.0590, -22.7071, 49.9373



195.5980, -30.3678, 33.6786

Triad

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



198.0590, -22.7071, 49.9373



183.5950, -2.7583, -48.7568



195.8710, 29.1506, -16.5499

Complementary

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



198.0590, -22.7071, 49.9373



208.9410, 22.7071, -49.9373

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.



186.7910, 33.6270, -52.4367



198.0590, -22.7071, 49.9373



178.0770, 16.2310, -72.8585

Square

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



198.0590, -22.7071, 49.9373



188.7160, -19.5800, -19.9219



178.5400, 30.7928, -76.7726



200.3160, 21.0432, 17.2629

Rectangle

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



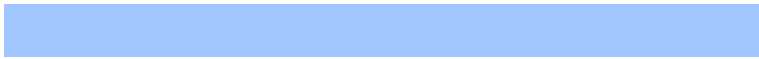
198.0590, -22.7071, 49.9373



193.9720, -31.0452, 17.5646



178.5400, 30.7928, -76.7726



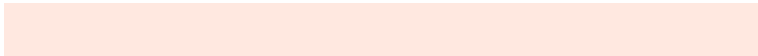
193.1360, 30.4990, -29.0603

Sweetspot

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



198.0590, -22.7071, 49.9373



237.9650, -6.8847, 14.9397



191.5750, 18.4505, 55.6237



117.7300, -3.8109, 9.0068



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.



198.0590, -22.7071, 49.9373



187.0880, -26.6654, 59.5588



227.9960, -37.4660, 23.6825



120.6480, -2.7845, 6.4477



85.2850, -42.0455, 92.7121



28.5280, -14.0643, 31.1089

Inverse Universe

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



208.9410, 22.7071, -49.9373



200.3250, 26.9548, -59.0440



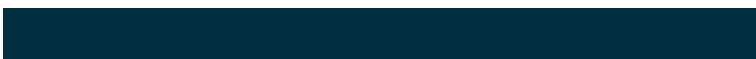
179.0040, 37.4660, -23.6825



121.7650, 3.0739, -5.9329



105.7150, 42.0455, -92.7121



35.4720, 14.0643, -31.1089

Previews

White Background



This preview shows how the YUV color 198.0590, -22.7071, 49.9373 looks on a white background.

Color Contrast Check

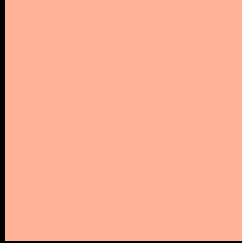
Large Text (above 18pt) WCAG AA × Fail

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 198.0590, -22.7071, 49.9373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

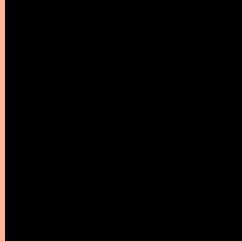
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.0590, -22.7071, 49.9373

Background



This preview shows how black text looks on a background with the YUV color 198.0590, -22.7071, 49.9373.



This preview shows how white text looks on a background with the YUV color 198.0590, -22.7071,

49.9373.

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

198.0590, -22.7071, 49.9373

Protanopia

195.5980, -17.0568, 10.8766

Deuteranopia

197.1120, -23.2262, 29.7198



Tritanopia

200.2880, -6.5510, 47.9824

Trichromacy



Original Color

198.0590, -22.7071, 49.9373

Protanomaly

196.2300, -18.8474, 25.2313

Deuteranomaly

197.5690, -22.9585, 37.2120

Tritanomaly

199.3930, -12.5187, 48.7673

Monochromacy



Original Color

198.0590, -22.7071, 49.9373

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.2320, -8.4954, 18.2135

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.0590, -22.7071, 49.9373 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, 178, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 152)  
}
```

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, 178, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 152) }
```

Border

The CSS property to change the border of an element to YUV 198.0590, -22.7071, 49.9373 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, 178, 152) }
```


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

```
.border{ border-color:rgb(255, 178, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 198.0590, -22.7071, 49.9373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 152) }
```

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

```
.background{ background-color: rgb(255,  
178, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor