

Converting Colors

YUV(198.9640, -12.3073,
-19.2624)

Have a look what the booklet for
YUV(198.9640, -12.3073, -19.2624)
contains.

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Color

**YUV(198.9640, -12.3073,
-19.2624)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D7AE
RGB	177, 215, 174
RGB Percent	69%, 84%, 68%
CMY	0.3059, 0.1569, 0.3176
CMYK	0.18, 0.00, 0.19, 0.16
HSL	116°, 34%, 76%
HSV	116°, 19%, 84%
XYZ	50.0719, 61.0040, 49.1803
YIQ	198.9640, -9.4870, -20.8070

Conversions

Conversions Part 2

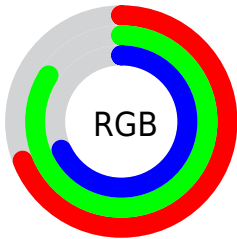
Format	Color
RYB	174, 215, 212
Decimal	11655086
CIELab	82.38, -20.23, 16.17
CIELCh	82, 25.902, 141.371
Yxy	61.0040, 0.3124, 0.3807
Android (android.graphics.Color)	4289845166 (0xFFB1D7AE)
YUV	198.9640, -12.3073, -19.2624
Hunter-Lab	78.1050, -22.2504, 17.3405

Details

The YUV color **198.9640, -12.3073, -19.2624** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **190.0360, 12.3073, 19.2624**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.5720, -7.6770, -11.0256**, and **144.7900, -11.7285, -18.2328** is the 20% darker color. If you saturate the color by 10%, you get **190.5900, -18.5319, -29.4584**, and if you desaturate by 10%, it is **207.4520, -5.6458, -9.1664**.

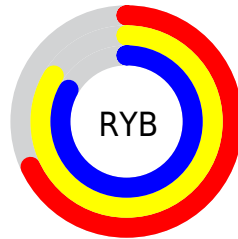
Distribution



Red (69%)

Green (84%)

Blue (68%)



Red (68%)

Yellow (84%)

Blue (83%)

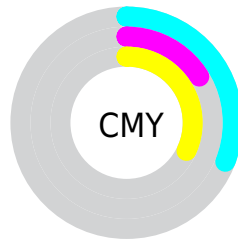


Cyan (18%)

Magenta (0%)

Yellow (19%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.9640, -12.3073, -19.2624 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 198.9640, -12.3073, -19.2624 by changing the saturation by 10% instead.

■ 198.9640,
-12.3073, -19.2624

■ 198.9640,
-12.3073, -19.2624

255.0000, 0.0000,
0.0000

■ 171.3770,
-12.0179, -18.7476

■ 245.5720, -7.6770,
-11.0256

■ 144.7900,
-11.7285, -18.2328

■ 119.0180,
-10.8549, -18.4328

■ 93.8440, -10.2761,
-17.4032

■ 69.9580, -9.8393,
-17.5032

■ 47.0720, -9.4025,
-17.6031

■ 24.5560, -10.1341,

-16.2736

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 198.9640,
-12.3073, -19.2624

■ 198.9640,
-12.3073, -19.2624

■ 190.5900,
-18.5319, -29.4584

■ 207.4520, -5.6458,
-9.1664

■ 182.1020,
-25.1933, -39.5545

■ 215.8260, 0.5788,
1.0296

■ 173.7280,
-31.4179, -49.7505

■ 224.3140, 7.2402,
11.1256

■ 165.2400,
-38.0793, -59.8465

■ 231.5200, 11.5756,
20.5920

■ 156.8660,
-44.3039, -70.0425

■ 148.3780,
-50.9654, -80.1385

■ 140.3030,
-57.3374, -89.7197

■ 131.8150,
-63.9988, -99.8158

■ 130.9890,
-64.5776, -100.8454

Harmonies

Analogous

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



202.1040, -21.2503, 2.5398



198.9640, -12.3073, -19.2624



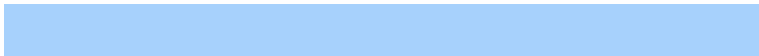
195.8720, 0.5561, -38.4757

Triad

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



198.9640, -12.3073, -19.2624



201.3440, 24.9734, -30.1197



208.0330, -9.8763, 41.1901

Complementary

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



198.9640, -12.3073, -19.2624



190.0360, 12.3073, 19.2624

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.



209.0890, 1.9281, 35.0019



198.9640, -12.3073, -19.2624



206.2870, 21.5505, -5.5137

Square

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



198.9640, -12.3073, -19.2624



196.2510, 22.5543, -47.5781



208.9650, 13.3283, 18.4477



206.5950, -19.0273, 36.3122

Rectangle

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



198.9640, -12.3073, -19.2624



194.8090, 9.4612, -48.0675



208.9650, 13.3283, 18.4477



208.9450, -6.3819, 40.3902

Sweetspot

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



198.9640, -12.3073, -19.2624



249.1040, -4.4883, -7.1072



208.5650, -17.0405, 5.6435



124.2830, -2.6045, -4.6332



0.0000, 0.0000, 0.0000



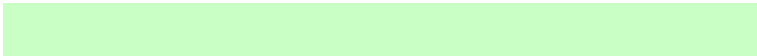
128.0000, 0.0000, 0.0000

Same Dimension

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



198.9640, -12.3073, -19.2624



232.1280, -17.8111, -27.2993



200.0050, -4.4395, -22.8064



102.7560, -3.3307, -5.0480



104.2640, -51.4022, -80.0385



26.1380, -12.8860, -20.2920

Inverse Universe

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



190.0360, 12.3073, 19.2624



219.1710, 17.6637, 27.9140



188.9950, 4.4395, 22.8064



100.2440, 3.3307, 5.0480



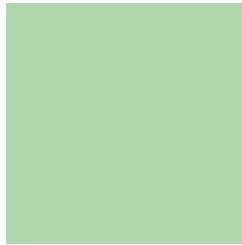
66.7360, 51.4022, 80.0385



16.8620, 12.8860, 20.2920

Previews

White Background



This preview shows how the YUV color 198.9640, -12.3073, -19.2624 looks on a white background.

Color Contrast Check

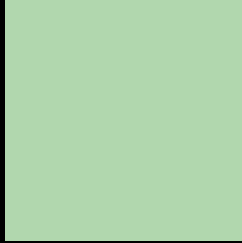
Large Text (above 18pt) WCAG AA × Fail

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 198.9640, -12.3073, -19.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

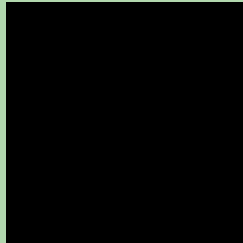
Any Text WCAG AA ✓ Pass

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 198.9640, -12.3073, -19.2624 Background



This preview shows how black text looks on a background with the YUV color 198.9640, -12.3073, -19.2624.



This preview shows how white text looks on a background with the YUV color 198.9640, -12.3073, -19.2624.

-19.2624.

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

198.9640, -12.3073, -19.2624

Protanopia

203.5980, -17.0568, 10.8766

Deuteranopia

205.8970, -13.7532, 24.6463



Tritanopia

203.0610, 10.8159, -15.8395

Trichromacy



Original Color

198.9640, -12.3073, -19.2624

Protanomaly

201.9880, -15.2771, 0.0105

Deuteranomaly

203.6130, -13.1202, 8.2324

Tritanomaly

201.7590, 2.0908, -17.3286

Monochromacy



Original Color

198.9640, -12.3073, -19.2624

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.1040, -4.4883, -7.1072

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.9640, -12.3073, -19.2624 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(177, 215, 174)` looks like.

```
.text, #text, p{  
    color:rgb(177, 215, 174)  
}
```

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(177, 215, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 215, 174) }
```

Border

The CSS property to change the border of an element to YUV 198.9640, -12.3073, -19.2624 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(177, 215, 174) }
```


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

```
.border{ border-color:rgb(177, 215, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 215, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 215, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 215, 174);  
box-shadow:4px 4px 4px 4px rgb(177, 215,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 198.9640, -12.3073, -19.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 215, 174) }
```

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

```
.background{ background-color: rgb(177,  
215, 174) }
```

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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