

Converting Colors

YUV(204.9400, -19.1974,
-2.5784)

Have a look what the booklet for
YUV(204.9400, -19.1974, -2.5784)
contains.

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Color

**YUV(204.9400, -19.1974,
-2.5784)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD6A6
RGB	202, 214, 166
RGB Percent	79%, 84%, 65%
CMY	0.2078, 0.1608, 0.3490
CMYK	0.06, 0.00, 0.22, 0.16
HSL	75°, 37%, 75%
HSV	75°, 22%, 84%
XYZ	55.2866, 63.4029, 45.4005
YIQ	204.9400, 8.2560, -17.4720

Conversions

Conversions Part 2

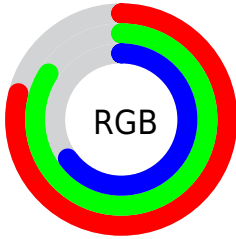
Format	Color
RYB	166, 214, 178
Decimal	13293222
CIELab	83.65, -12.16, 22.40
CIELCh	84, 25.491, 118.502
Yxy	63.4029, 0.3369, 0.3864
Android (android.graphics.Color)	4291483302 (0xFFCAD6A6)
YUV	204.9400, -19.1974, -2.5784
Hunter-Lab	79.6259, -15.4075, 21.9327

Details

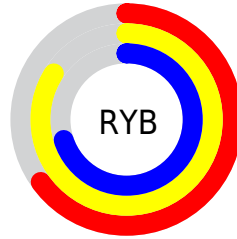
The YUV color $204.9400, -19.1974, -2.5784$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $175.0600, 19.1974, 2.5784$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1240, -14.8511, 3.3993$, and $150.5810, -18.0344, -2.2635$ is the 20% darker color. If you saturate the color by 10%, you get $201.0510, -27.6331, -3.5527$, and if you desaturate by 10%, it is $208.8290, -10.7617, -1.6040$.

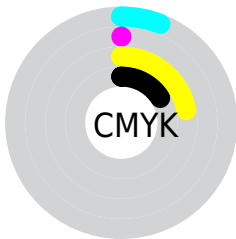
Distribution



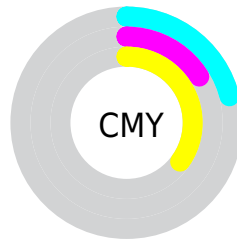
- Red (79%)
- Green (84%)
- Blue (65%)



- Red (65%)
- Yellow (84%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (22%)
- Black (16%)



- Cyan (21%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.9400, -19.1974, -2.5784 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 204.9400, -19.1974, -2.5784 by changing the saturation by 10% instead.

■ 204.9400,
-19.1974, -2.5784

■ 204.9400,
-19.1974, -2.5784

255.0000, 0.0000,
0.0000

■ 177.1680,
-18.3238, -2.7783

■ 251.1240,
-14.8511, 3.3993

■ 150.5810,
-18.0344, -2.2635

■ 254.4300, -2.1840,
0.4999

■ 124.6950,
-17.5976, -2.3635

■ 99.5100, -17.0134,
-3.0783

■ 75.7380, -16.1398,
-3.2782

■ 52.8520, -15.7030,
-3.3782

■ 31.5640, -15.5611,

-2.2486

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 204.9400,
-19.1974, -2.5784

■ 204.9400,
-19.1974, -2.5784

■ 201.0510,
-27.6331, -3.5527

■ 208.8290,
-10.7617, -1.6040

■ 196.7490,
-36.3583, -5.0419

■ 213.1310, -2.0366,
-0.1149

■ 192.8600,
-44.7940, -6.0162

■ 217.0200, 6.3991,
0.8595

■ 188.8570,
-53.6665, -6.8906

■ 221.0230, 15.2717,
1.7338

■ 184.6690,
-61.9548, -8.4797

■ 223.1590, 15.6976,
5.1226

■ 180.7800,
-70.3905, -9.4541

■ 224.6540, 14.9606,
8.1964

■ 176.7770,
-79.2631, -10.3284

■ 226.1490, 14.2235,
11.2703

■ 173.4580,
-85.5148, -11.8027

■ 227.9430, 13.3391,
14.9590

■ 229.4380, 12.6021,
18.0329

Harmonies

Analogous

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



207.4480, -22.8989, 18.0241



204.9400, -19.1974, -2.5784



202.3270, -9.5282, -23.9658

Triad

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



204.9400, -19.1974, -2.5784



201.5010, 23.4170, -44.2894



213.0030, -0.9875, 36.8314

Complementary

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



204.9400, -19.1974, -2.5784



175.0600, 19.1974, 2.5784

Split Complementary

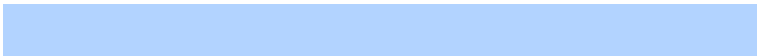
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



212.6020, 10.5492, 23.1510



204.9400, -19.1974, -2.5784



206.1490, 24.0835, -24.6867

Square

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



204.9400, -19.1974, -2.5784



198.6930, 15.4344, -50.5968



210.8640, 19.7870, 0.1193



210.8540, -11.7600, 38.7160

Rectangle

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



204.9400, -19.1974, -2.5784



200.1280, -1.0491, -36.9463



210.8640, 19.7870, 0.1193



212.7190, 3.0965, 33.5724

Sweetspot

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



204.9400, -19.1974, -2.5784



251.7520, -7.2727, -0.6595



187.3960, -10.5482, 23.3317



125.8490, -4.3626, -0.7446



0.0000, 0.0000, 0.0000



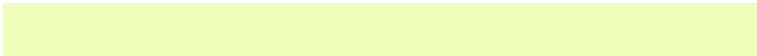
128.0000, 0.0000, 0.0000

Same Dimension

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



204.9400, -19.1974, -2.5784



242.0510, -27.6331, -3.5527



197.7640, -15.6597, -17.3330



104.8490, -4.3626, -0.7446



138.6490, -68.3540, -9.3392



35.1080, -17.3082, -1.8487

Inverse Universe

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



175.0600, 19.1974, 2.5784



198.9490, 27.6331, 3.5527



182.2360, 15.6597, 17.3330



98.1510, 4.3626, 0.7446



32.3510, 68.3540, 9.3392



8.1910, 17.1608, 2.4635

Previews

White Background



This preview shows how the YUV color 204.9400, -19.1974, -2.5784 looks on a white background.

Color Contrast Check

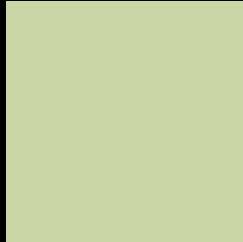
Large Text (above 18pt) WCAG AA × Fail

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 204.9400, -19.1974, -2.5784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

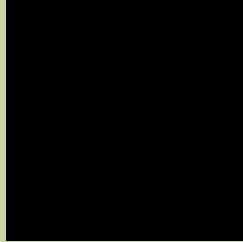
Any Text WCAG AA ✓ Pass

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 204.9400, -19.1974, -2.5784 Background



This preview shows how black text looks on a background with the YUV color 204.9400, -19.1974, -2.5784.



This preview shows how white text looks on a background with the YUV color 204.9400, -19.1974, -2.5784.

-2.5784.

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

204.9400, -19.1974, -2.5784

Protanopia

207.0560, -21.7196, 13.1059

Deuteranopia

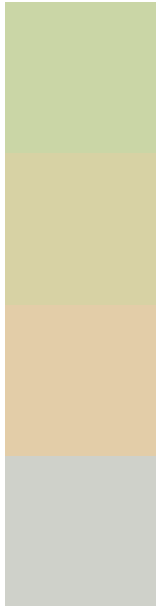
209.0240, -19.7318, 28.9200



Tritanopia

209.1340, 6.8359, 0.7595

Trichromacy



Original Color

204.9400, -19.1974, -2.5784

Protanomaly

206.2510, -20.8297, 7.6729

Deuteranomaly

207.3600, -19.4045, 17.2243

Tritanomaly

207.6040, -2.7628, -0.5297

Monochromacy



Original Color

204.9400, -19.1974, -2.5784

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.8660, -6.8359, -0.7595

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.9400, -19.1974, -2.5784 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(202, 214, 166)` looks like.

```
.text, #text, p{  
    color:rgb(202, 214, 166)  
}
```

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(202, 214, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 214, 166) }
```

Border

The CSS property to change the border of an element to YUV 204.9400, -19.1974, -2.5784 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(202, 214, 166) }
```


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

```
.border{ border-color:rgb(202, 214, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 214, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 214, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 214, 166);  
box-shadow:4px 4px 4px 4px rgb(202, 214,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 204.9400, -19.1974, -2.5784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 214, 166) }
```

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

```
.background{ background-color: rgb(202,  
214, 166) }
```

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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