

Converting Colors

YUV(198.0340, -25.1598,
-3.5378)

Have a look what the booklet for
YUV(198.0340, -25.1598, -3.5378)
contains.

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Color

**YUV(198.0340, -25.1598,
-3.5378)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D293
RGB	194, 210, 147
RGB Percent	76%, 82%, 58%
CMY	0.2392, 0.1765, 0.4235
CMYK	0.08, 0.00, 0.30, 0.18
HSL	75°, 41%, 70%
HSV	75°, 30%, 82%
XYZ	50.5612, 59.6691, 36.4562
YIQ	198.0340, 10.6870, -22.9850

Conversions

Conversions Part 2

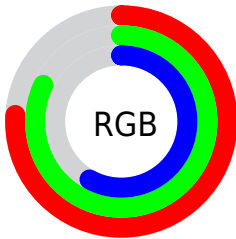
Format	Color
RYB	147, 210, 163
Decimal	12767891
CIELab	81.66, -15.81, 29.50
CIElCh	82, 33.467, 118.187
Yxy	59.6691, 0.3447, 0.4068
Android (android.graphics.Color)	4290957971 (0xFFC2D293)
YUV	198.0340, -25.1598, -3.5378
Hunter-Lab	77.2458, -18.3430, 26.0901

Details

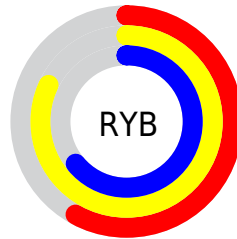
The YUV color **198.0340, -25.1598, -3.5378** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **158.9660, 25.1598, 3.5378**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.6480, -22.9975, 2.9397**, and **144.3760, -23.8494, -3.8378** is the 20% darker color. If you saturate the color by 10%, you get **194.1450, -33.5955, -4.5122**, and if you desaturate by 10%, it is **201.9230, -16.7240, -2.5635**.

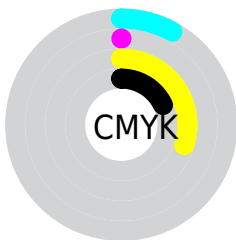
Distribution



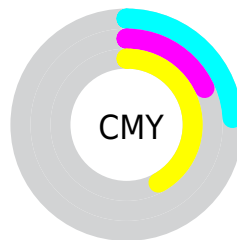
- Red (76%)
- Green (82%)
- Blue (58%)



- Red (58%)
- Yellow (82%)
- Blue (64%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.0340, -25.1598, -3.5378 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 198.0340, -25.1598, -3.5378 by changing the saturation by 10% instead.

■ 198.0340,
-25.1598, -3.5378

■ 198.0340,
-25.1598, -3.5378

255.0000, 0.0000,
0.0000

■ 170.2620,
-24.2862, -3.7378

■ 247.6480,
-22.9975, 2.9397

■ 144.3760,
-23.8494, -3.8378

■ 252.1500,
-10.9200, 2.4994

■ 117.9030,
-23.1232, -3.4229

■ 92.8320, -22.1022,
-4.2377

■ 68.9460, -21.6654,
-4.3376

■ 45.7180, -22.5390,
-4.1377

■ 26.8130, -13.2188,

-6.8520

■ 6.4570, -3.1833,
-5.6628

■ 0.0000, 0.0000,
0.0000

■ 198.0340,
-25.1598, -3.5378

■ 198.0340,
-25.1598, -3.5378

■ 194.1450,
-33.5955, -4.5122

■ 201.9230,
-16.7240, -2.5635

■ 189.9570,
-41.8838, -6.1013

■ 206.1110, -8.4357,
-0.9743

■ 186.0680,
-50.3195, -7.0756

■ 210.0000, 0.0000,
0.0000

■ 182.1790,
-58.7552, -8.0500

■ 213.8890, 8.4357,
0.9743

■ 177.9910,
-67.0436, -9.6391

■ 218.0770, 16.7240,
2.5635

■ 174.1020,
-75.4793, -10.6135

■ 219.9140, 17.2974,
5.3374

■ 170.2130,
-83.9150, -11.5878

■ 221.4090, 16.5604,
8.4113

■ 223.2030, 15.6759,
12.1000

■ 224.6980, 14.9389,
15.1739

Harmonies

Analogous

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



201.2330, -30.1879, 22.5977



198.0340, -25.1598, -3.5378



193.8870, -12.2693, -31.4729

Triad

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



198.0340, -25.1598, -3.5378



190.5570, 31.7704, -63.6325



205.3890, 0.3012, 43.5088

Complementary

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



198.0340, -25.1598, -3.5378



158.9660, 25.1598, 3.5378

Split Complementary

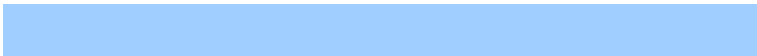
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



207.5580, 14.0219, 29.3286



198.0340, -25.1598, -3.5378



197.5330, 28.3312, -33.7934

Square

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



198.0340, -25.1598, -3.5378



186.2710, 22.0514, -73.0287



205.4170, 24.4444, -0.3657



203.0290, -13.8183, 45.5786

Rectangle

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



198.0340, -25.1598, -3.5378



190.7520, -0.8637, -49.7715



205.4170, 24.4444, -0.3657



207.2300, 4.8166, 41.8943

Sweetspot

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



198.0340, -25.1598, -3.5378



250.5840, -9.1619, -1.3892



175.2290, -13.9169, 30.4942



125.0940, -5.9623, -0.9594



0.0000, 0.0000, 0.0000



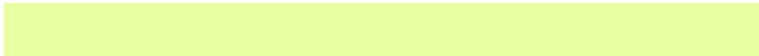
128.0000, 0.0000, 0.0000

Same Dimension

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



198.0340, -25.1598, -3.5378



237.6350, -36.7951, -4.9419



188.7650, -20.5901, -22.5959



102.8490, -4.3626, -0.7446



136.2900, -67.1910, -9.0243



33.0370, -16.2872, -2.6634

Inverse Universe

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



158.9660, 25.1598, 3.5378



180.6640, 36.6476, 5.5567



168.2350, 20.5901, 22.5959



96.1510, 4.3626, 0.7446



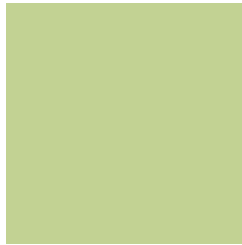
32.0090, 67.0436, 9.6391



7.6640, 16.4346, 2.0487

Previews

White Background



This preview shows how the YUV color 198.0340, -25.1598, -3.5378 looks on a white background.

Color Contrast Check

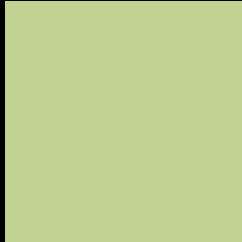
Large Text (above 18pt) WCAG AA × Fail

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 198.0340, -25.1598, -3.5378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

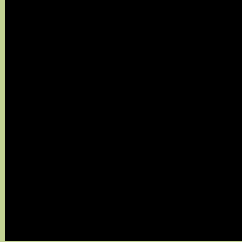
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.0340, -25.1598, -3.5378

Background



This preview shows how black text looks on a background with the YUV color 198.0340, -25.1598, -3.5378.



This preview shows how white text looks on a background with the YUV color 198.0340, -25.1598, -3.5378.

-3.5378.

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

198.0340, -25.1598, -3.5378

Protanopia

200.7590, -27.9822, 15.1204

Deuteranopia

202.4390, -25.8524, 32.0640



Tritanopia

203.4220, 6.6940, -0.3701

Trichromacy



Original Color

198.0340, -25.1598, -3.5378

Protanomaly

199.9430, -27.0869, 7.9430

Deuteranomaly

201.0630, -25.6671, 19.2387

Tritanomaly

201.4360, -4.6519, -1.2594

Monochromacy



Original Color

198.0340, -25.1598, -3.5378

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

197.8830, -9.3093, -0.7744

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.0340, -25.1598, -3.5378 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(194, 210, 147)` looks like.

```
.text, #text, p{  
    color:rgb(194, 210, 147)  
}
```

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(194, 210, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 210, 147) }
```

Border

The CSS property to change the border of an element to YUV 198.0340, -25.1598, -3.5378 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(194, 210, 147) }
```


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

```
.border{ border-color:rgb(194, 210, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 210, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 210, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 210, 147);  
box-shadow:4px 4px 4px 4px rgb(194, 210,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 198.0340, -25.1598, -3.5378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 210, 147) }
```

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

```
.background{ background-color: rgb(194,  
210, 147) }
```

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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