

Converting Colors

YUV(199.3920, -41.6053,
-2.0978)

Have a look what the booklet for
YUV(199.3920, -41.6053, -2.0978)
contains.

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Color

**YUV(199.3920, -41.6053,
-2.0978)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D973
RGB	197, 217, 115
RGB Percent	77%, 85%, 45%
CMY	0.2275, 0.1490, 0.5490
CMYK	0.09, 0.00, 0.47, 0.15
HSL	72°, 57%, 65%
HSV	72°, 47%, 85%
XYZ	50.9333, 62.7338, 25.6440
YIQ	199.3920, 20.8220, -35.9620

Conversions

Conversions Part 2

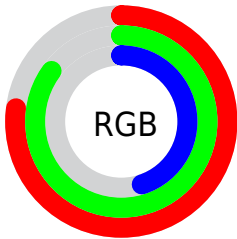
Format	Color
R_{YB}	115, 217, 135
Decimal	12966259
CIE _{Lab}	83.30, -21.90, 47.70
CIE _{LCh}	83, 52.488, 114.664
Yxy	62.7338, 0.3656, 0.4503
Android (android.graphics.Color)	4291156339 (0xFFC5D973)
YUV	199.3920, -41.6053, -2.0978
Hunter-Lab	79.2047, -23.8221, 36.2470

Details

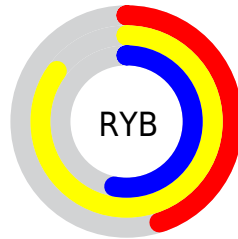
The YUV color **199.3920, -41.6053, -2.0978** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **132.6080, 41.6053, 2.0978**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1960, -37.5646, 8.5981**, and **144.4350, -40.1475, -3.0125** is the 20% darker color. If you saturate the color by 10%, you get **195.6880, -50.6252, -2.3574**, and if you desaturate by 10%, it is **203.0960, -32.5853, -1.8382**.

Distribution



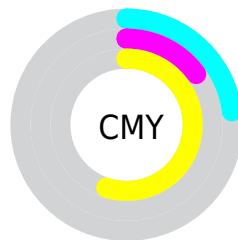
- Red (77%)
- Green (85%)
- Blue (45%)



- Red (45%)
- Yellow (85%)
- Blue (53%)



- Cyan (9%)
- Magenta (0%)
- Yellow (47%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.3920, -41.6053, -2.0978 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 199.3920, -41.6053, -2.0978 by changing the saturation by 10% instead.

■ 199.3920,
-41.6053, -2.0978

■ 199.3920,
-41.6053, -2.0978

255.0000, 0.0000,
0.0000

■ 171.6200,
-40.7317, -2.2977

■ 245.1960,
-37.5646, 8.5981

■ 144.4350,
-40.1475, -3.0125

■ 248.3880,
-25.3343, 5.7987

■ 118.1360,
-40.0000, -3.6273

■ 251.5800,
-13.1039, 2.9993

■ 92.0390, -42.9102,
-3.5422

254.8860, -0.4368,
0.1000

■ 69.3190, -34.1743,
-5.5418

■ 48.3430, -23.8331,
-9.0708

■ 27.3560, -13.4865,

-14.3442

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 199.3920,
-41.6053, -2.0978

■ 199.3920,
-41.6053, -2.0978

■ 195.6880,
-50.6252, -2.3574

■ 203.0960,
-32.5853, -1.8382

■ 191.7990,
-59.0609, -3.3317

■ 206.9850,
-24.1496, -0.8638

■ 188.0950,
-68.0808, -3.5913

■ 210.6890,
-15.1297, -0.6043

■ 184.3910,
-77.1008, -3.8509

■ 214.3930, -6.1097,
-0.3447

■ 180.8010,
-85.6839, -4.2105

■ 218.0970, 2.9102,
-0.0851

■ 179.4050,
-88.4467, -4.7402

■ 221.9860, 11.3459,
0.8893

■ 224.3220, 15.1243,
2.3486

■ 225.5180, 14.5346,
4.8077

■ 226.7140, 13.9450,
7.2668

Harmonies

Analogous

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



204.4400, -47.5449, 36.4481



199.3920, -41.6053, -2.0978



191.3830, -21.3878, -46.8169

Triad

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



199.3920, -41.6053, -2.0978



162.3190, 45.6917, -142.3538



199.7130, 9.0155, 48.4867

Complementary

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



199.3920, -41.6053, -2.0978



132.6080, 41.6053, 2.0978

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.



210.9750, 21.7043, 38.6099



199.3920, -41.6053, -2.0978



186.9690, 33.5393, -71.0098

Square

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



199.3920, -41.6053, -2.0978



164.9290, 40.4610, -144.6427



204.7970, 24.7501, -5.0840



195.3010, -12.9664, 52.3560

Rectangle

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



199.3920, -41.6053, -2.0978



182.1300, -1.0501, -83.4290



204.7970, 24.7501, -5.0840



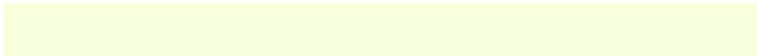
203.4120, 15.5729, 45.2427

Sweetspot

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



199.3920, -41.6053, -2.0978



248.8030, -14.6929, -0.7042



156.6510, -20.5339, 52.9261



123.9970, -8.8725, -0.8744



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.



199.3920, -41.6053, -2.0978



230.3260, -58.3347, -2.9169



184.4420, -34.2349, -32.8366



108.1480, -4.5100, -0.1298



143.1120, -70.5542, -3.6062



38.0650, -18.7660, -0.9340

Inverse Universe

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



132.6080, 41.6053, 2.0978



136.6740, 58.3347, 2.9169



147.5580, 34.2349, 32.8366



100.8520, 4.5100, 0.1298



29.8880, 70.5542, 3.6062



7.9350, 18.7660, 0.9340

Previews

White Background



This preview shows how the YUV color 199.3920, -41.6053, -2.0978 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 199.3920, -41.6053, -2.0978 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 199.3920, -41.6053, -2.0978

Background



This preview shows how black text looks on a background with the YUV color 199.3920, -41.6053, -2.0978.



This preview shows how white text looks on a background with the YUV color 199.3920, -41.6053, -2.0978.

-2.0978.

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

199.3920, -41.6053, -2.0978

Protanopia

202.4490, -44.5914, 22.4082

Deuteranopia

205.2540, -42.0302, 40.9962



Tritanopia

208.3190, 6.2517, 1.4742

Trichromacy



Original Color

199.3920, -41.6053, -2.0978

Protanomaly

201.6220, -43.6906, 13.4865

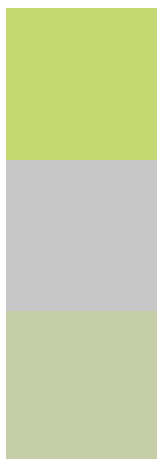
Deuteranomaly

203.1550, -41.9814, 25.2971

Tritanomaly

204.7260, -11.2039, 0.2403

Monochromacy



Original Color

199.3920, -41.6053, -2.0978

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.2760, -15.4191, -1.1191

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.3920, -41.6053, -2.0978 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(197, 217, 115)` looks like.

```
.text, #text, p{  
    color:rgb(197, 217, 115)  
}
```

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(197, 217, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 217, 115) }
```

Border

The CSS property to change the border of an element to YUV 199.3920, -41.6053, -2.0978 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(197, 217, 115) }
```


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

```
.border{ border-color:rgb(197, 217, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 217, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 217, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 217, 115);  
box-shadow:4px 4px 4px 4px rgb(197, 217,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 199.3920, -41.6053, -2.0978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 217, 115) }
```

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

```
.background{ background-color: rgb(197,  
217, 115) }
```

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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