

Converting Colors

YUV(202.1870, -27.2072,
-0.1640)

Have a look what the booklet for
YUV(202.1870, -27.2072, -0.1640)
contains.

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Color

**YUV(202.1870, -27.2072,
-0.1640)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD593
RGB	202, 213, 147
RGB Percent	79%, 84%, 58%
CMY	0.2078, 0.1647, 0.4235
CMYK	0.05, 0.00, 0.31, 0.16
HSL	70°, 44%, 71%
HSV	70°, 31%, 84%
XYZ	53.4178, 62.2516, 36.8041
YIQ	202.1870, 14.6300, -22.8580

Conversions

Conversions Part 2

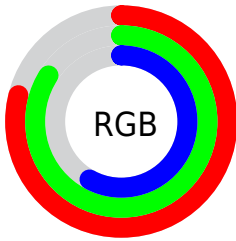
Format	Color
RYB	147, 213, 158
Decimal	13292947
CIELab	83.05, -14.30, 31.45
CIElCh	83, 34.552, 114.456
Yxy	62.2516, 0.3503, 0.4083
Android (android.graphics.Color)	4291483027 (0xFFCAD593)
YUV	202.1870, -27.2072, -0.1640
Hunter-Lab	78.8997, -17.2238, 27.5730

Details

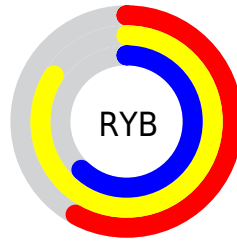
The YUV color $202.1870, -27.2072, -0.1640$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $157.8130, 27.2072, 0.1640$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.8440, -23.5871, 5.3988$, and $147.6430, -25.4600, -0.5639$ is the 20% darker color. If you saturate the color by 10%, you get $198.5970, -35.7903, -0.5236$, and if you desaturate by 10%, it is $205.7770, -18.6241, 0.1956$.

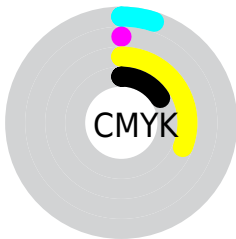
Distribution



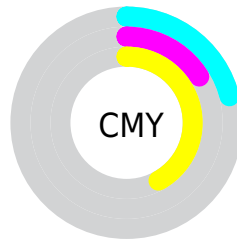
- Red (79%)
- Green (84%)
- Blue (58%)



- Red (58%)
- Yellow (84%)
- Blue (62%)



- Cyan (5%)
- Magenta (0%)
- Yellow (31%)
- Black (16%)



- Cyan (21%)
- Magenta (16%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.1870, -27.2072, -0.1640 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 202.1870, -27.2072, -0.1640 by changing the saturation by 10% instead.

■ 202.1870,
-27.2072, -0.1640

■ 202.1870,
-27.2072, -0.1640

255.0000, 0.0000,
0.0000

■ 174.4150,
-26.3336, -0.3640

■ 248.8440,
-23.5871, 5.3988

■ 147.6430,
-25.4600, -0.5639

■ 252.1500,
-10.9200, 2.4994

■ 121.7570,
-25.0232, -0.6639

■ 96.6860, -24.0022,
-1.4786

■ 72.6860, -24.0022,
-1.4786

■ 49.2730, -24.2916,
-1.9934

■ 29.7810, -14.6820,

-4.1929

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 202.1870,
-27.2072, -0.1640

■ 202.1870,
-27.2072, -0.1640

■ 198.5970,
-35.7903, -0.5236

■ 205.7770,
-18.6241, 0.1956

■ 195.1920,
-44.9577, -0.1684

■ 209.1820, -9.4567,
-0.1596

■ 191.6020,
-53.5408, -0.5280

■ 212.7720, -0.8736,
0.2000

■ 188.3110,
-62.2713, -0.2727

■ 216.0630, 7.8569,
-0.0553

■ 184.6070,
-71.2913, -0.5323

■ 219.7670, 16.8769,
0.2043

■ 181.3160,
-80.0218, -0.2771

■ 220.7780, 16.8714,
1.9487

■ 177.9540,
-87.7313, -0.8367

■ 221.9740, 16.2818,
4.4078

■ 222.8710, 15.8396,
6.2521

■ 224.0670, 15.2500,
8.7112

Harmonies

Analogous

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



205.6140, -31.3617, 25.7715



202.1870, -27.2072, -0.1640



198.2140, -14.8955, -29.1287

Triad

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



202.1870, -27.2072, -0.1640



192.2960, 30.9131, -68.6656



208.0620, 2.9274, 41.1646

Complementary

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



202.1870, -27.2072, -0.1640



157.8130, 27.2072, 0.1640

Split Complementary

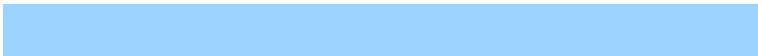
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



212.1170, 16.2113, 27.0844



202.1870, -27.2072, -0.1640



199.8590, 27.1845, -39.3413

Square

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



202.1870, -27.2072, -0.1640



188.8470, 21.7674, -75.2878



207.7540, 23.2923, -4.1693



204.8870, -11.7763, 43.9491

Rectangle

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



202.1870, -27.2072, -0.1640



194.4810, -3.1951, -48.6568



207.7540, 23.2923, -4.1693



210.4900, 7.1534, 39.0353

Sweetspot

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



202.1870, -27.2072, -0.1640



251.1820, -9.4567, -0.1596



173.1910, -12.9122, 34.9125



125.3930, -6.1097, -0.3447



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.



202.1870, -27.2072, -0.1640



239.5000, -38.7005, -0.4385



192.3200, -22.3428, -20.4516



105.1480, -4.5100, -0.1298



142.8350, -70.4177, -0.7323



36.0050, -17.7505, -0.0044

Inverse Universe

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



157.8130, 27.2072, 0.1640



176.2010, 38.8479, -0.1763



167.6800, 22.3428, 20.4516



97.8520, 4.5100, 0.1298



27.8660, 70.5651, 0.1175



6.9950, 17.7505, 0.0044

Previews

White Background



This preview shows how the YUV color 202.1870, -27.2072, -0.1640 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 202.1870, -27.2072, -0.1640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

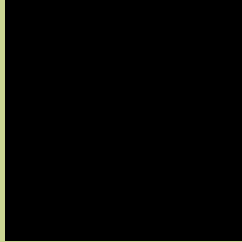
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

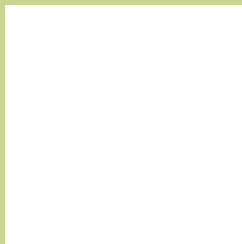
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 202.1870, -27.2072, -0.1640

Background



This preview shows how black text looks on a background with the YUV color 202.1870, -27.2072, -0.1640.



This preview shows how white text looks on a background with the YUV color 202.1870, -27.2072, -0.1640.

-0.1640.

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

202.1870, -27.2072, -0.1640

Protanopia

204.0150, -29.5874, 16.6498

Deuteranopia

206.5810, -27.8944, 33.6935



Tritanopia

207.9170, 5.9569, 2.7038

Trichromacy



Original Color

202.1870, -27.2072, -0.1640

Protanomaly

203.4980, -28.8395, 10.0873

Deuteranomaly

204.6180, -27.4197, 21.3830

Tritanomaly

205.7030, -6.2626, 2.0145

Monochromacy



Original Color

202.1870, -27.2072, -0.1640

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.0680, -9.8935, -0.0596

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.1870, -27.2072, -0.1640 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, 213, 147)` looks like.

```
.text, #text, p{  
    color:rgb(202, 213, 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(202, 213, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 213, 147) }
```

Border

The CSS property to change the border of an element to YUV 202.1870, -27.2072, -0.1640 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, 213, 147) }
```


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

```
.border{ border-color:rgb(202, 213, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 213, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 213, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 213, 147); box-shadow:4px 4px 4px 4px rgb(202, 213, 147) }
```

Background

The CSS property to change the background color of an element to YUV 202.1870, -27.2072, -0.1640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 213, 147) }
```

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

```
.background{ background-color: rgb(202,  
213, 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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