

Converting Colors

YUV(202.4000, -67.2452,
8.4192)

Have a look what the booklet for
YUV(202.4000, -67.2452, 8.4192)
contains.

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Color

**YUV(202.4000, -67.2452,
8.4192)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E042
RGB	212, 224, 66
RGB Percent	83%, 88%, 26%
CMY	0.1686, 0.1216, 0.7412
CMYK	0.05, 0.00, 0.71, 0.12
HSL	65°, 72%, 57%
HSV	65°, 71%, 88%
XYZ	54.7904, 67.7017, 15.3342
YIQ	202.4000, 43.5660, -51.6820

Conversions

Conversions Part 2

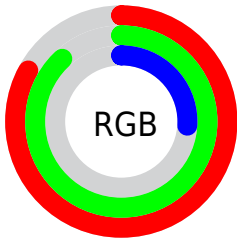
Format	Color
RYB	66, 224, 78
Decimal	13951042
CIELab	85.86, -22.91, 71.56
CIElCh	86, 75.139, 107.754
Yxy	67.7017, 0.3975, 0.4912
Android (android.graphics.Color)	4292141122 (0xFFD4E042)
YUV	202.4000, -67.2452, 8.4192
Hunter-Lab	82.2810, -25.1299, 46.5472

Details

The YUV color **202.4000, -67.2452, 8.4192** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **87.6000, 67.2452, -8.4192**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.9520, -57.6573, 13.1971**, and **145.2490, -71.6078, 7.6746** is the 20% darker color. If you saturate the color by 10%, you get **199.2940, -76.5599, 9.3892**, and if you desaturate by 10%, it is **205.5060, -57.9305, 7.4492**.

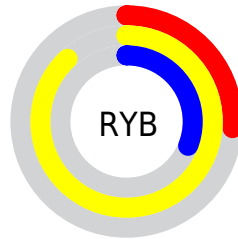
Distribution



Red (83%)

Green (88%)

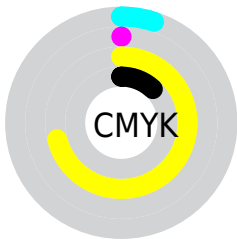
Blue (26%)



Red (26%)

Yellow (88%)

Blue (31%)

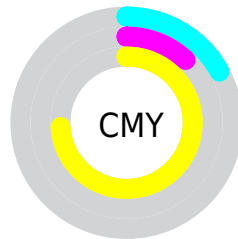


Cyan (5%)

Magenta (0%)

Yellow (71%)

Black (12%)



Cyan (17%)

Magenta (12%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.4000, -67.2452, 8.4192 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 202.4000, -67.2452, 8.4192 by changing the saturation by 10% instead.

■ 202.4000,
-67.2452, 8.4192

■ 202.4000,
-67.2452, 8.4192

■ 255.0000, 0.0000,
0.0000

■ 173.4170,
-69.7186, 8.4043

■ 239.9520,
-57.6573, 13.1971

■ 145.2490,
-71.6078, 7.6746

■ 243.2580,
-44.9902, 10.2977

■ 121.3160,
-59.8088, 3.2309

■ 246.4500,
-32.7599, 7.4983

■ 97.9810, -48.3046,
0.0167

■ 249.7560,
-20.0927, 4.5990

■ 74.9340, -36.9425,
-4.3271

■ 253.1760, -6.9888,
1.5996

■ 53.3600, -26.3065,
-9.0857

■ 31.7860, -15.6705,

-13.8443

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 202.4000,
-67.2452, 8.4192

■ 202.4000,
-67.2452, 8.4192

■ 199.2940,
-76.5599, 9.3892

■ 205.5060,
-57.9305, 7.4492

■ 196.3730,
-86.4589, 11.0739

■ 208.4270,
-48.0315, 5.7645

■ 193.3810,
-95.3368, 11.9439

■ 211.5330,
-38.7168, 4.7946

■ 214.7530,
-28.9652, 3.7246

■ 217.8590,
-19.6505, 2.7547

■ 220.6660,
-10.1883, 1.1699

■ 223.8860, -0.4368,
0.1000

■ 226.9920, 8.8779,
-0.8700

■ 228.4310, 13.0985,
-1.2550

Harmonies

Analogous

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



201.7560, -66.9277, 46.6950



202.4000, -67.2452, 8.4192



191.5610, -38.2376, -55.7430

Triad

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



202.4000, -67.2452, 8.4192



172.2980, 40.7721, -151.1053



194.2140, 26.0235, 53.3093

Complementary

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



202.4000, -67.2452, 8.4192



87.6000, 67.2452, -8.4192

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.



209.8010, 22.2831, 39.6395



202.4000, -67.2452, 8.4192



164.6670, 44.5342, -144.4130

Square

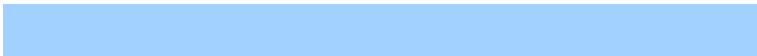
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



202.4000, -67.2452, 8.4192



175.2330, 39.3251, -153.6793



199.6040, 27.3102, -32.9787



184.8320, -4.8472, 61.5373

Rectangle

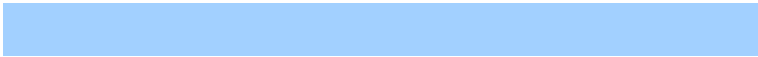
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



202.4000, -67.2452, 8.4192



161.8270, -1.8867, -141.9223



199.6040, 27.3102, -32.9787



198.6480, 27.7815, 49.4207

Sweetspot

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



202.4000, -67.2452, 8.4192



247.6480, -22.9975, 2.9397



119.6990, -26.4736, 91.4720



123.4550, -13.5353, 1.3550



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.



202.4000, -67.2452, 8.4192



225.4780, -92.4267, 11.8588



179.0780, -55.7475, -39.5334



110.4470, -4.6574, 0.4850



152.0490, -74.9602, 9.6040



41.6310, -20.5241, 2.9546

Inverse Universe

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



87.6000, 67.2452, -8.4192



67.8210, 92.2792, -11.2440



110.9220, 55.7475, 39.5334



102.5530, 4.6574, -0.4850



23.9510, 74.9602, -9.6040



6.6680, 20.3767, -2.3398

Previews

White Background



This preview shows how the YUV color 202.4000, -67.2452, 8.4192 looks on a white background.

Color Contrast Check

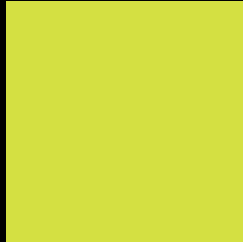
Large Text (above 18pt) WCAG AA × Fail

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 202.4000, -67.2452, 8.4192 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 202.4000, -67.2452, 8.4192

Background



This preview shows how black text looks on a background with the YUV color 202.4000, -67.2452, 8.4192.

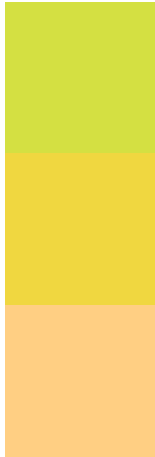


This preview shows how white text looks on a background with the YUV color 202.4000, -67.2452, 8.4192.

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

202.4000, -67.2452, 8.4192

Protanopia

205.2610, -69.6417, 30.4661

Deuteranopia

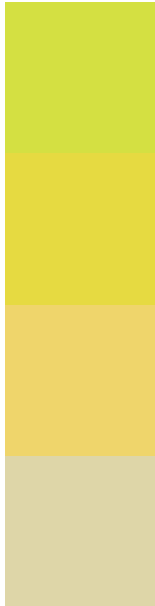
212.6880, -40.2722, 37.1076



Tritanopia

216.3200, 4.7722, 9.3664

Trichromacy



Original Color

202.4000, -67.2452, 8.4192

Protanomaly

204.1460, -68.5990, 22.6740

Deuteranomaly

208.6900, -50.1332, 26.5819

Tritanomaly

211.1480, -21.2720, 9.5172

Monochromacy



Original Color

202.4000, -67.2452, 8.4192

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.3060, -24.3079, 3.2396

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.4000, -67.2452, 8.4192 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(212, 224, 66)` looks like.

```
.text, #text, p{  
    color:rgb(212, 224, 66)  
}
```

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(212, 224, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 224, 66) }
```

Border

The CSS property to change the border of an element to YUV 202.4000, -67.2452, 8.4192 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(212, 224, 66) }
```


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

```
.border{ border-color:rgb(212, 224, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 224, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 224, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 224, 66);  
box-shadow:4px 4px 4px 4px rgb(212, 224,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 202.4000, -67.2452, 8.4192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 224, 66) }
```

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

```
.background{ background-color: rgb(212,  
224, 66) }
```

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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