

Converting Colors

YUV(209.9620, -39.4213,
-2.5977)

Have a look what the booklet for
YUV(209.9620, -39.4213, -2.5977)
contains.

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Color

**YUV(209.9620, -39.4213,
-2.5977)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE382
RGB	207, 227, 130
RGB Percent	81%, 89%, 51%
CMY	0.1882, 0.1098, 0.4902
CMYK	0.09, 0.00, 0.43, 0.11
HSL	72°, 63%, 70%
HSV	72°, 43%, 89%
XYZ	57.2305, 69.8153, 31.5784
YIQ	209.9620, 19.2170, -34.4070

Conversions

Conversions Part 2

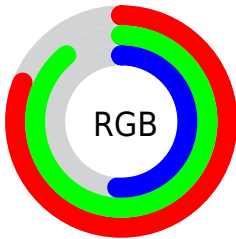
Format	Color
RYB	130, 227, 150
Decimal	13624194
CIELab	86.91, -21.35, 45.04
CIELCh	87, 49.842, 115.359
Yxy	69.8153, 0.3608, 0.4401
Android (android.graphics.Color)	4291814274 (0xFFCFE382)
YUV	209.9620, -39.4213, -2.5977
Hunter-Lab	83.5555, -23.9605, 36.0812

Details

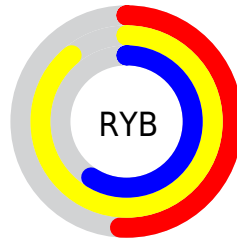
The YUV color $209.9620, -39.4213, -2.5977$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $147.0380, 39.4213, 2.5977$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.9060, -31.0127, 7.0984$, and $155.0050, -37.9635, -3.5124$ is the 20% darker color. If you saturate the color by 10%, you get $205.8450, -48.7306, -3.3721$, and if you desaturate by 10%, it is $214.0790, -30.1119, -1.8233$.

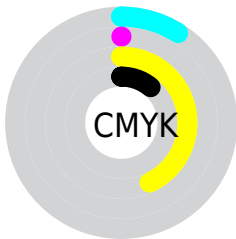
Distribution



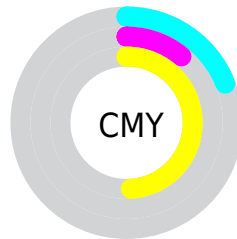
- Red (81%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (59%)



- Cyan (9%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.9620, -39.4213, -2.5977 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 209.9620, -39.4213, -2.5977 by changing the saturation by 10% instead.

■ 209.9620,
-39.4213, -2.5977

■ 209.9620,
-39.4213, -2.5977

255.0000, 0.0000,
0.0000

■ 182.1900,
-38.5477, -2.7976

■ 246.9060,
-31.0127, 7.0984

■ 155.0050,
-37.9635, -3.5124

■ 250.2120,
-18.3455, 4.1991

■ 128.2330,
-37.0899, -3.7123

■ 253.4040, -6.1152,
1.3997

■ 102.2330,
-37.0899, -3.7123

■ 77.2930, -38.1054,
-4.6420

■ 56.0290, -27.6223,
-7.0414

■ 34.7540, -17.1337,

-11.1853

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 209.9620,
-39.4213, -2.5977

■ 209.9620,
-39.4213, -2.5977

■ 205.8450,
-48.7306, -3.3721

■ 214.0790,
-30.1119, -1.8233

■ 202.1410,
-57.7505, -3.6317

■ 217.7830,
-21.0920, -1.5637

■ 198.0240,
-67.0598, -4.4060

■ 221.9000,
-11.7827, -0.7893

■ 193.9070,
-76.3692, -5.1804

■ 226.0170, -2.4734,
-0.0149

■ 190.2030,
-85.3891, -5.4400

■ 229.7210, 6.5465,
0.2447

■ 187.0690,
-92.2250, -6.1995

■ 232.5840, 11.0511,
2.1188

■ 234.0790, 10.3141,
5.1927

■ 235.2750, 9.7244,
7.6518

■ 236.7700, 8.9874,
10.7257

Harmonies

Analogous

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



214.2980, -45.5029, 34.8187



209.9620, -39.4213, -2.5977



202.7360, -20.0828, -45.3725

Triad

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



209.9620, -39.4213, -2.5977



167.6020, 43.0872, -146.9870



208.3700, 9.1846, 40.8945

Complementary

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



209.9620, -39.4213, -2.5977



147.0380, 39.4213, 2.5977

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.



217.4320, 18.5210, 32.9471



209.9620, -39.4213, -2.5977



200.0150, 27.1076, -61.4032

Square

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



209.9620, -39.4213, -2.5977



171.1240, 41.3509, -150.0757



214.5540, 19.9399, -2.2399



204.1860, -11.9237, 44.5639

Rectangle

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



209.9620, -39.4213, -2.5977



195.0490, -1.5032, -78.0960



214.5540, 19.9399, -2.2399



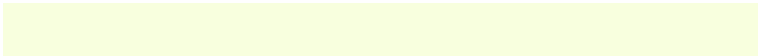
211.3680, 15.5946, 38.2653

Sweetspot

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



209.9620, -39.4213, -2.5977



249.1450, -13.3825, -1.0042



170.1560, -19.7969, 49.8522



124.1110, -8.4357, -0.9743



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.



209.9620, -39.4213, -2.5977



232.1070, -52.8038, -3.6018



195.6100, -32.3457, -32.1070



112.7350, -4.7994, -0.6446



147.5310, -72.7328, -4.8507



41.8970, -20.6552, -1.6637

Inverse Universe

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



147.0380, 39.4213, 2.5977



147.8930, 52.8038, 3.6018



161.3900, 32.3457, 32.1070



105.2650, 4.7994, 0.6446



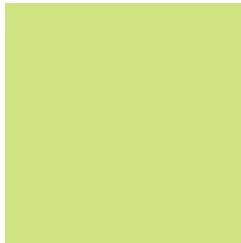
31.4690, 72.7328, 4.8507



9.1030, 20.6552, 1.6637

Previews

White Background



This preview shows how the YUV color 209.9620, -39.4213, -2.5977 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 209.9620, -39.4213, -2.5977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

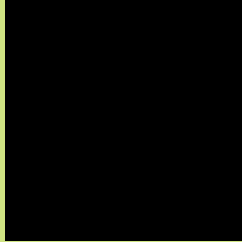
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.9620, -39.4213, -2.5977

Background



This preview shows how black text looks on a background with the YUV color 209.9620, -39.4213, -2.5977.



This preview shows how white text looks on a background with the YUV color 209.9620, -39.4213, -2.5977.

-2.5977.

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

209.9620, -39.4213, -2.5977

Protanopia

212.9050, -42.8442, 22.0083

Deuteranopia

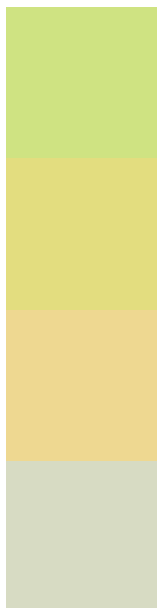
216.4840, -30.8046, 33.7785



Tritanopia

218.4330, 6.6885, 1.3743

Trichromacy



Original Color

209.9620, -39.4213, -2.5977

Protanomaly

212.0780, -41.9435, 13.0866

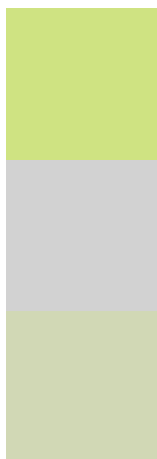
Deuteranomaly

214.4840, -34.2556, 20.6235

Tritanomaly

215.0680, -9.8935, -0.0596

Monochromacy



Original Color

209.9620, -39.4213, -2.5977

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.9170, -14.2561, -0.8042

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.9620, -39.4213, -2.5977 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(207, 227, 130)` looks like.

```
.text, #text, p{  
    color:rgb(207, 227, 130)  
}
```

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(207, 227, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 227, 130) }
```

Border

The CSS property to change the border of an element to YUV 209.9620, -39.4213, -2.5977 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(207, 227, 130) }
```


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

```
.border{ border-color:rgb(207, 227, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 227, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 227, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 227, 130);  
box-shadow:4px 4px 4px 4px rgb(207, 227,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 209.9620, -39.4213, -2.5977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 227, 130) }
```

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

```
.background{ background-color: rgb(207,  
227, 130) }
```

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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