

Converting Colors

YUV(219.6200, -40.7317,
-2.2977)

Have a look what the booklet for
YUV(219.6200, -40.7317, -2.2977)
contains.

YUV(219.6200, -40.7317, -2.2977)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(219.6200, -40.7317,
-2.2977)**

Conversions

Conversions Part 1

Format	Color
Hex	D9ED89
RGB	217, 237, 137
RGB Percent	85%, 93%, 54%
CMY	0.1490, 0.0706, 0.4627
CMYK	0.08, 0.00, 0.42, 0.07
HSL	72°, 74%, 73%
HSV	72°, 42%, 93%
XYZ	63.4148, 77.1262, 35.2114
YIQ	219.6200, 20.1800, -35.3400

Conversions

Conversions Part 2

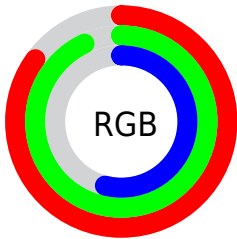
Format	Color
RYB	137, 237, 157
Decimal	14282121
CIELab	90.38, -21.63, 46.13
CIELCh	90, 50.952, 115.117
Yxy	77.1262, 0.3608, 0.4388
Android (android.graphics.Color)	4292472201 (0xFFD9ED89)
YUV	219.6200, -40.7317, -2.2977
Hunter-Lab	87.8215, -24.7951, 37.7032

Details

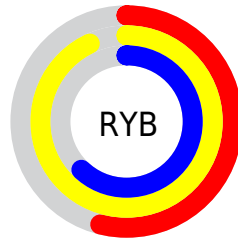
The YUV color $219.6200, -40.7317, -2.2977$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $154.3800, 40.7317, 2.2977$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8180, -27.5183, 6.2986$, and $164.0760, -38.9845, -2.6977$ is the 20% darker color. If you saturate the color by 10%, you get $215.3890, -50.4778, -2.9722$, and if you desaturate by 10%, it is $223.8510, -30.9855, -1.6233$.

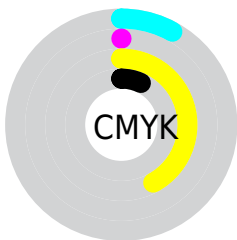
Distribution



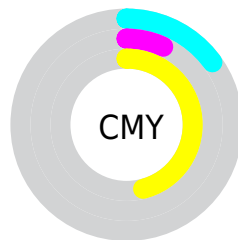
- Red (85%)
- Green (93%)
- Blue (54%)



- Red (54%)
- Yellow (93%)
- Blue (62%)



- Cyan (8%)
- Magenta (0%)
- Yellow (42%)
- Black (7%)



- Cyan (15%)
- Magenta (7%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.6200, -40.7317, -2.2977 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 219.6200, -40.7317, -2.2977 by changing the saturation by 10% instead.

219.6200,
-40.7317, -2.2977

219.6200,
-40.7317, -2.2977

255.0000, 0.0000,
0.0000

191.5490,
-39.7107, -3.1125

247.8180,
-27.5183, 6.2986

164.0760,
-38.9845, -2.6977

251.0100,
-15.2879, 3.4992

136.8910,
-38.4003, -3.4124

254.3160, -2.6208,
0.5999

110.8910,
-38.4003, -3.4124

84.7940, -41.3104,
-3.3273

63.1170, -31.1167,
-6.2416

42.1410, -20.7755,

-9.7707

■ 20.8440, -10.2761,
-17.4032

■ 1.7610, -0.8682,
-1.5444

■ 219.6200,
-40.7317, -2.2977

■ 219.6200,
-40.7317, -2.2977

■ 215.3890,
-50.4778, -2.9722

■ 223.8510,
-30.9855, -1.6233

■ 211.5710,
-59.9345, -3.1318

■ 227.6690,
-21.5288, -1.4637

■ 207.3400,
-69.6806, -3.8062

■ 231.9000,
-11.7827, -0.7893

■ 203.1090,
-79.4267, -4.4806

■ 236.1310, -2.0366,
-0.1149

198.8780,
-89.1729, -5.1550

240.2480, 7.2727,
0.6595

195.9290,
-96.5930, -5.1997

241.4440, 6.6831,
3.1186

242.9390, 5.9461,
6.1925

244.4340, 5.2090,
9.2664

Harmonies

Analogous

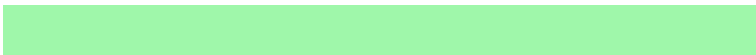
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.2650, -45.4866, 29.5856



219.6200, -40.7317, -2.2977



211.9100, -20.6616, -46.4021

Triad

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



219.6200, -40.7317, -2.2977



174.0590, 39.9039, -152.6497



214.2060, 11.2374, 35.7763

Complementary

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



219.6200, -40.7317, -2.2977



154.3800, 40.7317, 2.2977

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.



222.7150, 15.9165, 28.3139



219.6200, -40.7317, -2.2977



207.9780, 23.1818, -62.2477

Square

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



219.6200, -40.7317, -2.2977



177.5810, 38.1676, -155.7385



223.1150, 15.7193, -1.8549



209.9080, -10.3076, 39.5457

Rectangle

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



219.6200, -40.7317, -2.2977



204.9240, -1.9345, -79.7403



223.1150, 15.7193, -1.8549



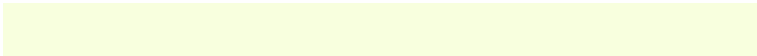
217.9050, 17.7948, 32.5323

Sweetspot

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



219.6200, -40.7317, -2.2977



249.1450, -13.3825, -1.0042



178.6400, -20.5285, 51.1817



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.



219.6200, -40.7317, -2.2977



232.4060, -52.9512, -2.9871



204.6700, -33.3613, -33.0366



115.1480, -4.5100, -0.1298



149.6020, -73.7538, -4.0360



44.5550, -21.9656, -1.3637

Inverse Universe

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



154.3800, 40.7317, 2.2977



147.5940, 52.9512, 2.9871



169.3300, 33.3613, 33.0366



107.8520, 4.5100, 0.1298



31.3980, 73.7538, 4.0360



9.4450, 21.9656, 1.3637

Previews

White Background



This preview shows how the YUV color 219.6200, -40.7317, -2.2977 looks on a white background.

Color Contrast Check

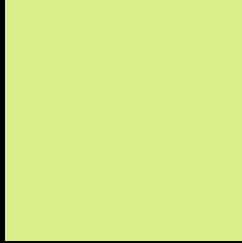
Large Text (above 18pt) WCAG AA × Fail

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 219.6200, -40.7317, -2.2977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

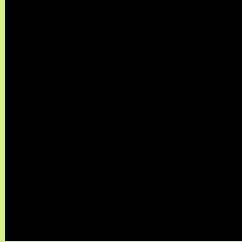
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

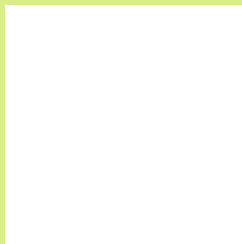
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 219.6200, -40.7317, -2.2977

Background



This preview shows how black text looks on a background with the YUV color 219.6200, -40.7317, -2.2977.



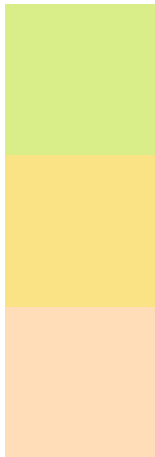
This preview shows how white text looks on a background with the YUV color 219.6200, -40.7317, -2.2977.

-2.2977.

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

219.6200, -40.7317, -2.2977

Protanopia

222.8620, -44.3020, 22.9230

Deuteranopia

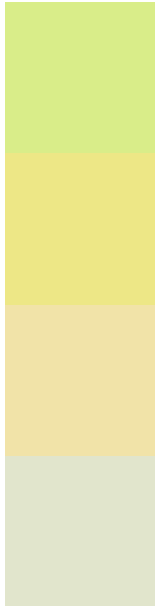
227.0620, -20.7366, 24.5016



Tritanopia

228.4330, 6.6885, 1.3743

Trichromacy



Original Color

219.6200, -40.7317, -2.2977

Protanomaly

221.7360, -43.2538, 13.3865

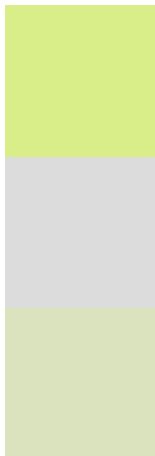
Deuteranomaly

224.4600, -27.8348, 14.5056

Tritanomaly

224.9540, -10.3303, 0.0403

Monochromacy



Original Color

219.6200, -40.7317, -2.2977

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.8030, -14.6929, -0.7042

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.6200, -40.7317, -2.2977 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(217, 237, 137)` looks like.

```
.text, #text, p{  
    color:rgb(217, 237, 137)  
}
```

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(217, 237, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 237, 137) }
```

Border

The CSS property to change the border of an element to YUV 219.6200, -40.7317, -2.2977 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(217, 237, 137) }
```


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

```
.border{ border-color:rgb(217, 237, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 237, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 237, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 237, 137);  
box-shadow:4px 4px 4px 4px rgb(217, 237,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 219.6200, -40.7317, -2.2977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 237, 137) }
```

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

```
.background{ background-color: rgb(217,  
237, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor