

Converting Colors

YUV(210.6200, -40.7317,
-2.2977)

Have a look what the booklet for
YUV(210.6200, -40.7317, -2.2977)
contains.

YUV(210.6200, -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(210.6200, -40.7317,
-2.2977)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E480
RGB	208, 228, 128
RGB Percent	82%, 89%, 50%
CMY	0.1843, 0.1059, 0.4980
CMYK	0.09, 0.00, 0.44, 0.11
HSL	72°, 65%, 70%
HSV	72°, 44%, 89%
XYZ	57.6521, 70.4552, 30.9827
YIQ	210.6200, 20.1800, -35.3400

Conversions

Conversions Part 2

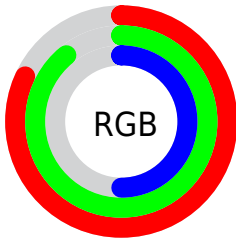
Format	Color
RYB	128, 228, 148
Decimal	13689984
CIELab	87.22, -21.66, 46.42
CIElCh	87, 51.224, 115.019
Yxy	70.4552, 0.3624, 0.4429
Android (android.graphics.Color)	4291880064 (0xFFD0E480)
YUV	210.6200, -40.7317, -2.2977
Hunter-Lab	83.9376, -24.2890, 36.8714

Details

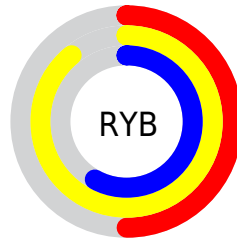
The YUV color $210.6200, -40.7317, -2.2977$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $145.3800, 40.7317, 2.2977$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.6780, -31.8863, 7.2984$, and $155.6630, -39.2739, -3.2125$ is the 20% darker color. If you saturate the color by 10%, you get $206.5030, -50.0410, -3.0721$, and if you desaturate by 10%, it is $214.7370, -31.4223, -1.5233$.

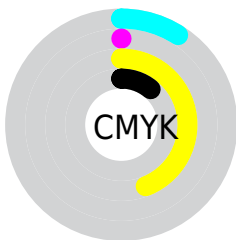
Distribution



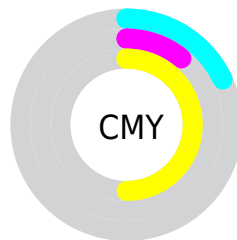
- Red (82%)
- Green (89%)
- Blue (50%)



- Red (50%)
- Yellow (89%)
- Blue (58%)



- Cyan (9%)
- Magenta (0%)
- Yellow (44%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.6200, -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 210.6200, -40.7317, -2.2977 by changing the saturation by 10% instead.

210.6200,
-40.7317, -2.2977

210.6200,
-40.7317, -2.2977

255.0000, 0.0000,
0.0000

182.8480,
-39.8581, -2.4977

246.6780,
-31.8863, 7.2984

155.6630,
-39.2739, -3.2125

249.9840,
-19.2191, 4.3990

128.8910,
-38.4003, -3.4124

253.1760, -6.9888,
1.5996

102.4780,
-38.6897, -3.9272

77.5920, -38.2529,
-4.0272

56.9150, -28.0591,
-6.9415

35.3410, -17.4231,

-11.7001

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 210.6200,
-40.7317, -2.2977

■ 210.6200,
-40.7317, -2.2977

■ 206.5030,
-50.0410, -3.0721

■ 214.7370,
-31.4223, -1.5233

■ 202.6850,
-59.4977, -3.2317

■ 218.5550,
-21.9656, -1.3637

■ 198.6820,
-68.3702, -4.1061

■ 222.5580,
-13.0931, -0.4894

■ 194.8640,
-77.8270, -4.2657

■ 226.3760, -3.6364,
-0.3298

190.7470,
-87.1363, -5.0401

230.4930, 5.6730,
0.4446

188.2540,
-92.8092, -5.4848

233.1710, 10.7617,
1.6040

234.6660, 10.0247,
4.6779

235.8620, 9.4350,
7.1370

237.3570, 8.6980,
10.2109

Harmonies

Analogous

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



214.9560, -46.8133, 35.1186



210.6200, -40.7317, -2.2977



202.9100, -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.



210.6200, -40.7317, -2.2977



168.7760, 42.5084, -148.0166



208.0110, 10.3476, 41.2094

Complementary

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



210.6200, -40.7317, -2.2977



145.3800, 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.



217.4320, 18.5210, 32.9471



210.6200, -40.7317, -2.2977



199.4060, 27.4078, -64.3771

Square

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



210.6200, -40.7317, -2.2977



171.7110, 41.0615, -150.5905



214.8420, 19.7979, -3.3694



203.5990, -11.6343, 45.0787

Rectangle

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



210.6200, -40.7317, -2.2977



195.0380, -1.4977, -79.8403



214.8420, 19.7979, -3.3694



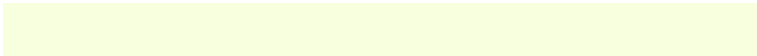
211.5960, 16.4682, 38.0653

Sweetspot

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



210.6200, -40.7317, -2.2977



249.1450, -13.3825, -1.0042



169.6400, -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.



210.6200, -40.7317, -2.2977



231.5370, -54.9877, -3.1019



195.6700, -33.3613, -33.0366



112.7350, -4.7994, -0.6446



147.8300, -72.8802, -4.2359



42.1960, -20.8026, -1.0489

Inverse Universe

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



145.3800, 40.7317, 2.2977



143.4630, 54.9877, 3.1019



160.3300, 33.3613, 33.0366



105.2650, 4.7994, 0.6446



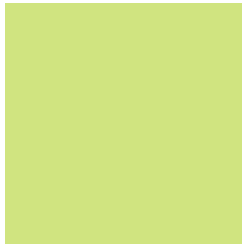
31.1700, 72.8802, 4.2359



8.8040, 20.8026, 1.0489

Previews

White Background



This preview shows how the YUV color 210.6200, -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 210.6200, -40.7317, -2.2977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

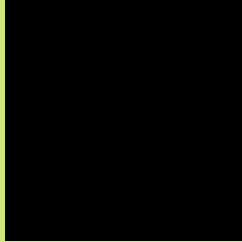
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

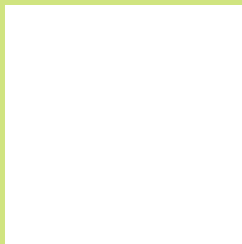
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 210.6200, -40.7317, -2.2977

Background



This preview shows how black text looks on a background with the YUV color 210.6200, -40.7317, -2.2977.



This preview shows how white text looks on a background with the YUV color 210.6200, -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

210.6200, -40.7317, -2.2977

Protanopia

213.5630, -44.1546, 22.3082

Deuteranopia

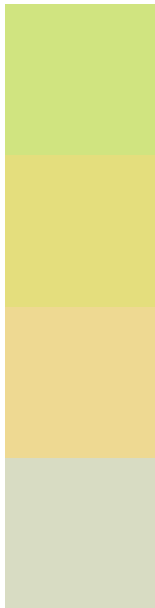
217.8860, -30.5098, 32.5490



Tritanopia

219.4330, 6.6885, 1.3743

Trichromacy



Original Color

210.6200, -40.7317, -2.2977

Protanomaly

212.7360, -43.2538, 13.3865

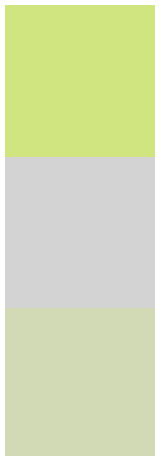
Deuteranomaly

215.1850, -34.1082, 20.0088

Tritanomaly

215.9540, -10.3303, 0.0403

Monochromacy



Original Color

210.6200, -40.7317, -2.2977

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.8030, -14.6929, -0.7042

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.6200, -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(208, 228, 128)` looks like.

```
.text, #text, p{  
    color:rgb(208, 228, 128)  
}
```

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(208, 228, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 228, 128) }
```

Border

The CSS property to change the border of an element to YUV 210.6200, -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(208, 228, 128) }
```


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

```
.border{ border-color:rgb(208, 228, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 228, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 228, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 228, 128);  
box-shadow:4px 4px 4px 4px rgb(208, 228,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 210.6200, -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(208, 228, 128) }
```

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

```
.background{ background-color: rgb(208,  
228, 128) }
```

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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