

Converting Colors

YUV(204.0760, -38.9845,
-2.6977)

Have a look what the booklet for
YUV(204.0760, -38.9845, -2.6977)
contains.

YUV(204.0760, -38.9845, -2.6977)	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(204.0760, -38.9845,
-2.6977)**

Conversions

Conversions Part 1

Format	Color
Hex	C9DD7D
RGB	201, 221, 125
RGB Percent	79%, 87%, 49%
CMY	0.2118, 0.1333, 0.5098
CMYK	0.09, 0.00, 0.43, 0.13
HSL	73°, 59%, 68%
HSV	73°, 43%, 87%
XYZ	53.6455, 65.6111, 29.2388
YIQ	204.0760, 18.8960, -34.0960

Conversions

Conversions Part 2

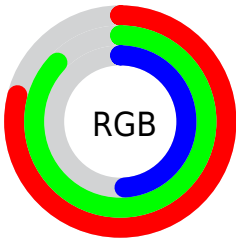
Format	Color
RYB	125, 221, 145
Decimal	13229437
CIELab	84.80, -21.26, 44.76
CIElCh	85, 49.552, 115.413
Yxy	65.6111, 0.3613, 0.4418
Android (android.graphics.Color)	4291419517 (0xFFC9DD7D)
YUV	204.0760, -38.9845, -2.6977
Hunter-Lab	81.0007, -23.5333, 35.2985

Details

The YUV color $204.0760, -38.9845, -2.6977$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $141.9240, 38.9845, 2.6977$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.3360, -33.1966, 7.5983$, and $149.1190, -37.5267, -3.6124$ is the 20% darker color. If you saturate the color by 10%, you get $200.0730, -47.8570, -3.5720$, and if you desaturate by 10%, it is $208.0790, -30.1119, -1.8233$.

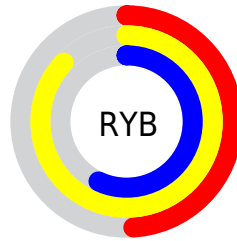
Distribution



Red (79%)

Green (87%)

Blue (49%)



Red (49%)

Yellow (87%)

Blue (57%)

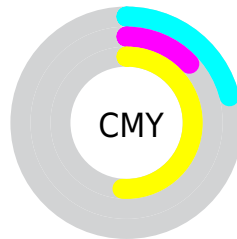


Cyan (9%)

Magenta (0%)

Yellow (43%)

Black (13%)



Cyan (21%)

Magenta (13%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.0760, -38.9845, -2.6977 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 204.0760, -38.9845, -2.6977 by changing the saturation by 10% instead.

■ 204.0760,
-38.9845, -2.6977

■ 204.0760,
-38.9845, -2.6977

255.0000, 0.0000,
0.0000

■ 176.3040,
-38.1109, -2.8976

■ 246.3360,
-33.1966, 7.5983

■ 149.1190,
-37.5267, -3.6124

■ 249.5280,
-20.9663, 4.7989

■ 123.2330,
-37.0899, -3.7123

■ 252.8340, -8.2992,
1.8996

■ 96.8200, -37.3793,
-4.2271

■ 72.2760, -35.6321,
-4.6271

■ 51.5990, -25.4383,
-7.5413

■ 30.6120, -15.0917,

-12.8147

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 204.0760,
-38.9845, -2.6977

■ 204.0760,
-38.9845, -2.6977

■ 200.0730,
-47.8570, -3.5720

■ 208.0790,
-30.1119, -1.8233

■ 196.3690,
-56.8769, -3.8316

■ 211.7830,
-21.0920, -1.5637

■ 192.3660,
-65.7494, -4.7060

■ 215.7860,
-12.2195, -0.6893

■ 188.6620,
-74.7694, -4.9656

■ 219.4900, -3.1996,
-0.4297

■ 184.5450,
-84.0787, -5.7400

■ 223.6070, 6.1097,
0.3447

■ 182.0520,
-89.7516, -6.1846

■ 227.2680, 13.6719,
1.5190

■ 228.4640, 13.0822,
3.9781

■ 229.9590, 12.3452,
7.0520

■ 231.1550, 11.7556,
9.5111

Harmonies

Analogous

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



208.9990, -45.3555, 34.2039



204.0760, -38.9845, -2.6977



196.8500, -19.6460, -45.4724

Triad

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



204.0760, -38.9845, -2.6977



164.0800, 44.8236, -143.8982



204.1640, 8.3001, 44.5832

Complementary

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



204.0760, -38.9845, -2.6977



141.9240, 38.9845, 2.6977

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.



213.9100, 20.2574, 36.0359



204.0760, -38.9845, -2.6977



194.6990, 29.7284, -62.0030

Square

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



204.0760, -38.9845, -2.6977



167.0320, 40.9032, -146.4871



209.2380, 22.5607, -2.8397



199.9800, -12.8081, 48.2525

Rectangle

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



204.0760, -38.9845, -2.6977



189.4620, -1.2138, -77.5812



209.2380, 22.5607, -2.8397



207.1620, 14.7101, 41.9539

Sweetspot

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



204.0760, -38.9845, -2.6977



249.1450, -13.3825, -1.0042



164.8570, -19.6495, 49.2374



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.



204.0760, -38.9845, -2.6977



231.4660, -53.9667, -3.9167



190.0230, -32.0563, -31.5922



107.8490, -4.3626, -0.7446



142.5140, -70.2594, -4.8358



37.7660, -18.6186, -1.5488

Inverse Universe

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



141.9240, 38.9845, 2.6977



145.5340, 53.9667, 3.9167



155.9770, 32.0563, 31.5922



100.8520, 4.5100, 0.1298



30.4860, 70.2594, 4.8358



8.2340, 18.6186, 1.5488

Previews

White Background



This preview shows how the YUV color 204.0760, -38.9845, -2.6977 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 204.0760, -38.9845, -2.6977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

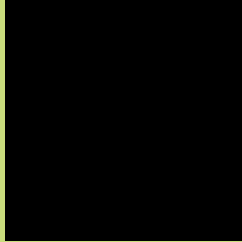
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.0760, -38.9845, -2.6977

Background



This preview shows how black text looks on a background with the YUV color 204.0760, -38.9845, -2.6977.



This preview shows how white text looks on a background with the YUV color 204.0760, -38.9845, -2.6977.

-2.6977.

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

204.0760, -38.9845, -2.6977

Protanopia

207.1330, -41.9706, 21.8084

Deuteranopia

209.8670, -38.3884, 39.5816



Tritanopia

212.1340, 6.8359, 0.7595

Trichromacy



Original Color

204.0760, -38.9845, -2.6977

Protanomaly

206.3060, -41.0699, 12.8866

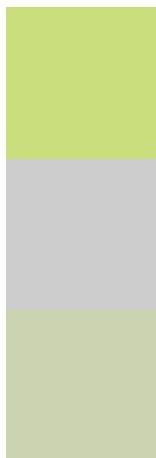
Deuteranomaly

207.6540, -38.7764, 23.9824

Tritanomaly

209.0680, -9.8935, -0.0596

Monochromacy



Original Color

204.0760, -38.9845, -2.6977

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.9170, -14.2561, -0.8042

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.0760, -38.9845, -2.6977 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(201, 221, 125)` looks like.

```
.text, #text, p{  
    color:rgb(201, 221, 125)  
}
```

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(201, 221, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 221, 125) }
```

Border

The CSS property to change the border of an element to YUV 204.0760, -38.9845, -2.6977 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(201, 221, 125) }
```


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

```
.border{ border-color:rgb(201, 221, 125) }
```

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

Here you see how a box with a 4 pixel rgb(201, 221, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 221, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 221, 125);  
box-shadow:4px 4px 4px 4px rgb(201, 221,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 204.0760, -38.9845, -2.6977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 221, 125) }
```

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

```
.background{ background-color: rgb(201,  
221, 125) }
```

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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