

Converting Colors

YUV(202.6610, -32.8639,
-5.8417)

Have a look what the booklet for
YUV(202.6610, -32.8639, -5.8417)
contains.

YUV(202.6610, -32.8639, -5.8417)	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(202.6610, -32.8639,
-5.8417)**

Conversions

Conversions Part 1

Format	Color
Hex	C4DB88
RGB	196, 219, 136
RGB Percent	77%, 86%, 53%
CMY	0.2314, 0.1412, 0.4667
CMYK	0.11, 0.00, 0.38, 0.14
HSL	77°, 54%, 70%
HSV	77°, 38%, 86%
XYZ	52.5404, 64.1764, 32.9107
YIQ	202.6610, 12.9350, -30.6890

Conversions

Conversions Part 2

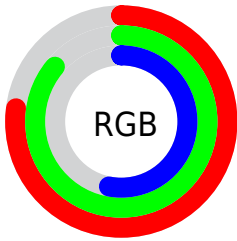
Format	Color
R _{YB}	136, 219, 159
Decimal	12901256
CIE Lab	84.06, -20.93, 38.29
CIE LCh	84, 43.639, 118.663
Yxy	64.1764, 0.3511, 0.4289
Android (android.graphics.Color)	4291091336 (0xFFC4DB88)
YUV	202.6610, -32.8639, -5.8417
Hunter-Lab	80.1102, -23.1232, 31.7197

Details

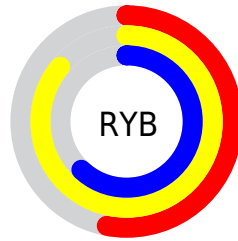
The YUV color $202.6610, -32.8639, -5.8417$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $152.3390, 32.8639, 5.8417$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.2910, -28.2445, 5.8838$, and $148.1170, -31.1167, -6.2416$ is the 20% darker color. If you saturate the color by 10%, you get $198.3590, -41.5890, -7.3308$, and if you desaturate by 10%, it is $206.9630, -24.1388, -4.3526$.

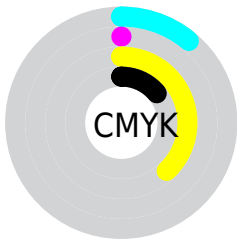
Distribution



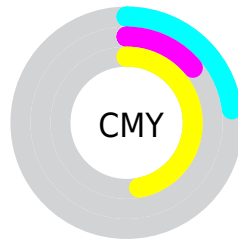
- Red (77%)
- Green (86%)
- Blue (53%)



- Red (53%)
- Yellow (86%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (38%)
- Black (14%)



- Cyan (23%)
- Magenta (14%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.6610, -32.8639, -5.8417 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 202.6610, -32.8639, -5.8417 by changing the saturation by 10% instead.

■ 202.6610,
-32.8639, -5.8417

■ 202.6610,
-32.8639, -5.8417

255.0000, 0.0000,
0.0000

■ 174.8890,
-31.9903, -6.0417

■ 247.2910,
-28.2445, 5.8838

■ 148.1170,
-31.1167, -6.2416

■ 250.7820,
-16.1615, 3.6992

■ 122.2310,
-30.6799, -6.3416

■ 254.0880, -3.4944,
0.7998

■ 96.4590, -29.8063,
-6.5415

■ 71.8180, -30.9693,
-6.8564

■ 49.5280, -24.4173,
-8.3561

■ 29.1390, -14.3655,

-12.3999

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 202.6610,
-32.8639, -5.8417

■ 202.6610,
-32.8639, -5.8417

■ 198.3590,
-41.5890, -7.3308

■ 206.9630,
-24.1388, -4.3526

■ 194.0570,
-50.3141, -8.8200

■ 211.2650,
-15.4136, -2.8634

■ 189.7550,
-59.0392, -10.3091

■ 215.5670, -6.6885,
-1.3743

■ 185.4530,
-67.7643, -11.7983

■ 219.8690, 2.0366,
0.1149

■ 181.1510,
-76.4894, -13.2874

■ 224.0570, 10.3249,
1.7040

■ 176.9630,
-84.7778, -14.8766

■ 226.9910, 13.8084,
4.3929

■ 175.7950,
-86.6669, -15.6062

■ 228.7850, 12.9240,
8.0816

■ 230.8780, 11.8921,
12.3850

■ 232.6720, 11.0077,
16.0737

Harmonies

Analogous

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



207.1490, -39.5135, 27.0563



202.6610, -32.8639, -5.8417



196.5990, -15.5783, -43.4983

Triad

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



202.6610, -32.8639, -5.8417



183.2710, 35.3624, -95.8307



205.0130, 3.9376, 43.8386

Complementary

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



202.6610, -32.8639, -5.8417



152.3390, 32.8639, 5.8417

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.



213.6820, 19.3838, 36.2359



202.6610, -32.8639, -5.8417



198.6410, 27.7850, -45.2892

Square

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



202.6610, -32.8639, -5.8417



174.6330, 36.1699, -121.5811



209.8580, 22.2550, 1.8785



202.1000, -14.8393, 46.3933

Rectangle

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



202.6610, -32.8639, -5.8417



190.6740, 0.6537, -69.8741



209.8580, 22.2550, 1.8785



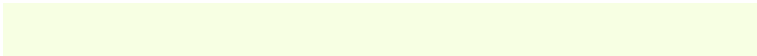
207.1960, 9.7634, 41.9241

Sweetspot

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



202.6610, -32.8639, -5.8417



249.4160, -11.0511, -2.1188



173.7310, -18.6014, 39.7009



124.5670, -6.6885, -1.3743



0.0000, 0.0000, 0.0000



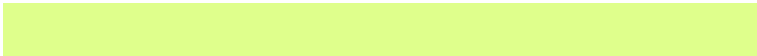
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



202.6610, -32.8639, -5.8417



232.3220, -45.5147, -8.1754



190.4020, -26.8202, -31.0476



107.8490, -4.3626, -0.7446



138.9260, -68.4905, -12.2131



36.8690, -18.1764, -3.3931

Inverse Universe

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



152.3390, 32.8639, 5.8417



162.6780, 45.5147, 8.1754



164.5980, 26.8202, 31.0476



101.1510, 4.3626, 0.7446



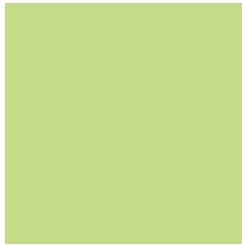
34.0740, 68.4905, 12.2131



9.1310, 18.1764, 3.3931

Previews

White Background



This preview shows how the YUV color 202.6610, -32.8639, -5.8417 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 202.6610, -32.8639, -5.8417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

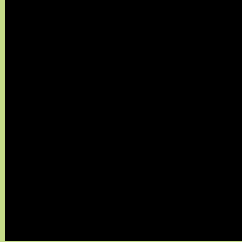
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.6610, -32.8639, -5.8417

Background



This preview shows how black text looks on a background with the YUV color 202.6610, -32.8639, -5.8417.



This preview shows how white text looks on a background with the YUV color 202.6610, -32.8639, -5.8417.

-5.8417.

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

202.6610, -32.8639, -5.8417

Protanopia

205.9030, -36.4342, 19.3791

Deuteranopia

208.4090, -33.7256, 37.3523



Tritanopia

209.9380, 7.4256, -1.6996

Trichromacy



Original Color

202.6610, -32.8639, -5.8417

Protanomaly

204.7770, -35.3861, 9.8426

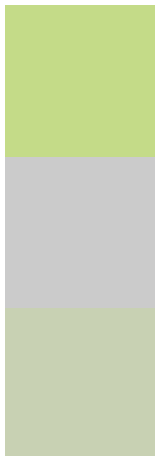
Deuteranomaly

206.4240, -33.2400, 21.5532

Tritanomaly

207.4420, -7.1199, -3.0186

Monochromacy



Original Color

202.6610, -32.8639, -5.8417

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.8890, -11.7773, -2.5337

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.6610, -32.8639, -5.8417 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(196, 219, 136)` looks like.

```
.text, #text, p{  
    color:rgb(196, 219, 136)  
}
```

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(196, 219, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 219, 136) }
```

Border

The CSS property to change the border of an element to YUV 202.6610, -32.8639, -5.8417 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(196, 219, 136) }
```


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

```
.border{ border-color:rgb(196, 219, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 219, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 219, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 219, 136);  
box-shadow:4px 4px 4px 4px rgb(196, 219,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 202.6610, -32.8639, -5.8417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 219, 136) }
```

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

```
.background{ background-color: rgb(196,  
219, 136) }
```

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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