

Converting Colors

YUV(211.2620, -4.0732, -0.2298)

Have a look what the booklet for
YUV(211.2620, -4.0732, -0.2298)
contains.

YUV(211.2620, -4.0732, -0.2298)	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(211.2620, -4.0732,
-0.2298)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D5CB
RGB	211, 213, 203
RGB Percent	83%, 84%, 80%
CMY	0.1725, 0.1647, 0.2039
CMYK	0.01, 0.00, 0.05, 0.16
HSL	72°, 11%, 82%
HSV	72°, 5%, 84%
XYZ	61.4377, 65.7492, 65.9527
YIQ	211.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

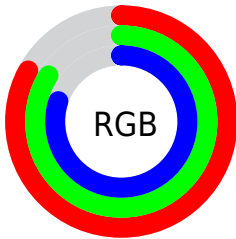
Format	Color
R_YB	203, 213, 205
Decimal	13882827
CIE Lab	84.87, -2.46, 4.69
CIE LCh	85, 5.296, 117.681
Yxy	65.7492, 0.3181, 0.3404
Android (android.graphics.Color)	4292072907 (0xFFD3D5CB)
YUV	211.2620, -4.0732, -0.2298
Hunter-Lab	81.0859, -6.6531, 8.5355

Details

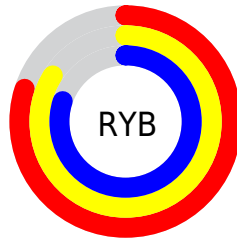
The YUV color $211.2620, -4.0732, -0.2298$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $204.7380, 4.0732, 0.2298$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $156.6750, -3.7838, 0.2850$ is the 20% darker color. If you saturate the color by 10%, you get $207.6720, -12.6563, -0.5893$, and if you desaturate by 10%, it is $214.8520, 4.5100, 0.1298$.

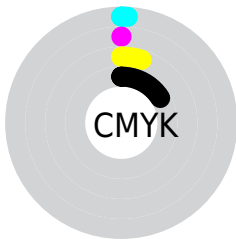
Distribution



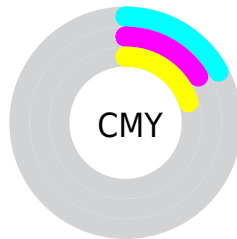
- Red (83%)
- Green (84%)
- Blue (80%)



- Red (80%)
- Yellow (84%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



- Cyan (17%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.2620, -4.0732, -0.2298 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 211.2620, -4.0732, -0.2298 by changing the saturation by 10% instead.

■ 211.2620, -4.0732,
-0.2298

■ 211.2620, -4.0732,
-0.2298

255.0000, 0.0000,
0.0000

■ 183.3760, -3.6364,
-0.3298

■ 156.6750, -3.7838,
0.2850

■ 130.3760, -3.6364,
-0.3298

■ 105.3760, -3.6364,
-0.3298

■ 81.3760, -3.6364,
-0.3298

■ 58.4900, -3.1996,
-0.4297

■ 36.9030, -2.9102,

0.0851

■ 16.0340, -4.9468,
-0.0298

■ 0.0000, 0.0000,
0.0000

■ 211.2620, -4.0732,
-0.2298

■ 211.2620, -4.0732,
-0.2298

■ 207.6720,
-12.6563, -0.5893

■ 214.8520, 4.5100,
0.1298

■ 203.6690,
-21.5288, -1.4637

■ 218.8550, 13.3825,
1.0042

■ 200.0790,
-30.1119, -1.8233

■ 221.0770, 16.7240,
2.5635

■ 196.4890,
-38.6951, -2.1829

■ 222.2730, 16.1344,
5.0226

■ 192.7850,
-47.7150, -2.4424

■ 223.4690, 15.5448,
7.4817

■ 188.8960,
-56.1507, -3.4168

■ 224.9640, 14.8077,
10.5556

■ 185.3060,
-64.7339, -3.7764

■ 226.1600, 14.2181,
13.0147

■ 181.7160,
-73.3170, -4.1359

■ 227.3560, 13.6285,
15.4738

■ 178.0120,
-82.3369, -4.3955

■ 228.5520, 13.0389,
17.9329

Harmonies

Analogous

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



211.7680, -4.8156, 4.5885



211.2620, -4.0732, -0.2298



210.3970, -2.1677, -4.7332

Triad

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



211.2620, -4.0732, -0.2298



211.0960, 4.3897, -7.9772



213.2290, -0.6059, 7.6922

Complementary

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



211.2620, -4.0732, -0.2298



204.7380, 4.0732, 0.2298

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.



212.6030, 2.1677, 4.7332



211.2620, -4.0732, -0.2298



211.6450, 5.1050, -4.0737

Square

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



211.2620, -4.0732, -0.2298



210.6290, 2.6479, -9.3216



212.7380, 4.0732, 0.2298



212.9580, -2.9373, 8.8068

Rectangle

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



211.2620, -4.0732, -0.2298



210.5430, -0.2677, -7.4922



212.7380, 4.0732, 0.2298



213.1580, 0.4151, 6.8774

Sweetspot

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



211.2620, -4.0732, -0.2298



254.3590, -1.1630, -0.3148



207.1640, -2.0529, 5.1182



127.4730, -0.7262, -0.4148



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.



211.2620, -4.0732, -0.2298



252.3930, -6.1097, -0.3447



209.7670, -3.3361, -3.3037



105.9030, -2.9102, 0.0851



141.3400, -69.6806, -3.8062



35.7060, -17.6031, -0.6192

Inverse Universe

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



204.7380, 4.0732, 0.2298



242.6070, 6.1097, 0.3447



206.2330, 3.3361, 3.3037



101.0970, 2.9102, -0.0851



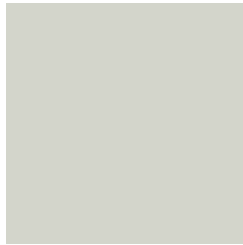
29.6600, 69.6806, 3.8062



7.5930, 17.4557, 1.2339

Previews

White Background



This preview shows how the YUV color 211.2620, -4.0732, -0.2298 looks on a white background.

Color Contrast Check

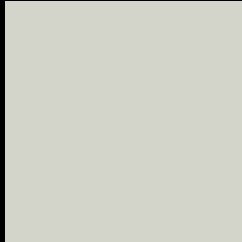
Large Text (above 18pt) WCAG AA × Fail

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 211.2620, -4.0732, -0.2298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

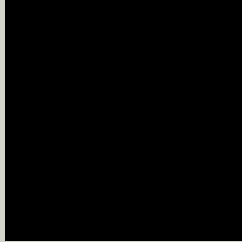
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

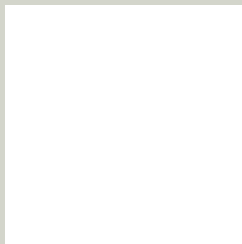
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 211.2620, -4.0732, -0.2298

Background



This preview shows how black text looks on a background with the YUV color 211.2620, -4.0732, -0.2298.



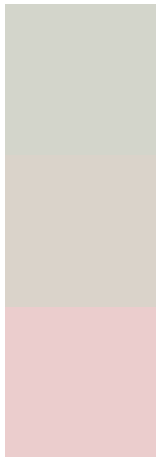
This preview shows how white text looks on a background with the YUV color 211.2620, -4.0732, -0.2298.

-0.2298.

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

211.2620, -4.0732, -0.2298

Protanopia

212.0670, -4.9630, 5.2032

Deuteranopia

213.9700, -4.4222, 18.4433



Tritanopia

213.0200, 6.3991, 0.8595

Trichromacy



Original Color

211.2620, -4.0732, -0.2298

Protanomaly

211.7570, -4.8102, 2.8441

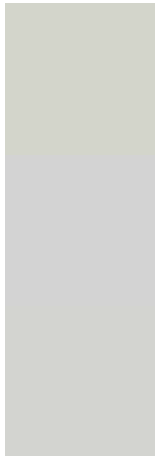
Deuteranomaly

212.9260, -4.4005, 11.4659

Tritanomaly

212.3960, 2.7628, 0.5297

Monochromacy



Original Color

211.2620, -4.0732, -0.2298

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

211.2450, -1.5998, -0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.2620, -4.0732, -0.2298 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(211, 213, 203)` looks like.

```
.text, #text, p{  
    color:rgb(211, 213, 203)  
}
```

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(211, 213, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 213, 203) }
```

Border

The CSS property to change the border of an element to YUV 211.2620, -4.0732, -0.2298 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(211, 213, 203) }
```


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

```
.border{ border-color:rgb(211, 213, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 213, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 213, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 213, 203);  
box-shadow:4px 4px 4px 4px rgb(211, 213,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 211.2620, -4.0732, -0.2298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 213, 203) }
```

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

```
.background{ background-color: rgb(211,  
213, 203) }
```

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