

Converting Colors

YUV(220.2620, -4.0732, -0.2298)

Have a look what the booklet for
YUV(220.2620, -4.0732, -0.2298)
contains.

YUV(220.2620, -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(220.2620, -4.0732,
-0.2298)**

Conversions

Conversions Part 1

Format	Color
Hex	DCDED4
RGB	220, 222, 212
RGB Percent	86%, 87%, 83%
CMY	0.1373, 0.1294, 0.1686
CMYK	0.01, 0.00, 0.05, 0.13
HSL	72°, 13%, 85%
HSV	72°, 5%, 87%
XYZ	67.5201, 72.2117, 72.6669
YIQ	220.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

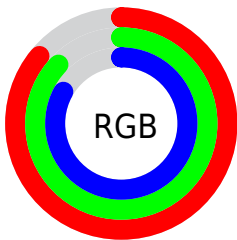
Format	Color
R _Y B	212, 222, 214
Decimal	14474964
CIE Lab	88.07, -2.44, 4.65
CIE LCh	88, 5.255, 117.693
Yxy	72.2117, 0.3179, 0.3400
Android (android.graphics.Color)	4292665044 (0xFFDCDED4)
YUV	220.2620, -4.0732, -0.2298
Hunter-Lab	84.9774, -6.8806, 8.7835

Details

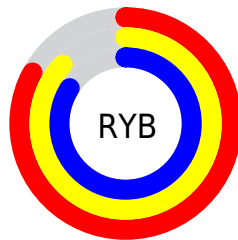
The YUV color $220.2620, -4.0732, -0.2298$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $213.7380, 4.0732, 0.2298$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $165.2620, -4.0732, -0.2298$ is the 20% darker color. If you saturate the color by 10%, you get $216.5580, -13.0931, -0.4894$, and if you desaturate by 10%, it is $223.9660, 4.9468, 0.0298$.

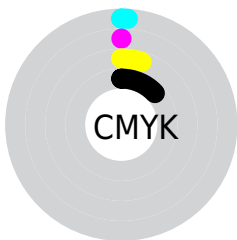
Distribution



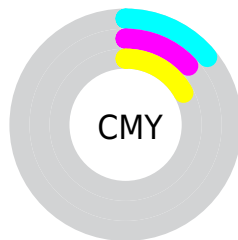
- Red (86%)
- Green (87%)
- Blue (83%)



- Red (83%)
- Yellow (87%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.2620, -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 220.2620, -4.0732, -0.2298 by changing the saturation by 10% instead.

■ 220.2620, -4.0732,
-0.2298

■ 220.2620, -4.0732,
-0.2298

255.0000, 0.0000,
0.0000

■ 192.2620, -4.0732,
-0.2298

■ 165.2620, -4.0732,
-0.2298

■ 139.2620, -4.0732,
-0.2298

■ 113.3760, -3.6364,
-0.3298

■ 89.3760, -3.6364,
-0.3298

■ 65.4900, -3.1996,
-0.4297

■ 43.4900, -3.1996,

-0.4297

■ 22.9030, -2.9102,
0.0851

■ 0.0000, 0.0000,
0.0000

■ 220.2620, -4.0732,
-0.2298

■ 220.2620, -4.0732,
-0.2298

■ 216.5580,
-13.0931, -0.4894

■ 223.9660, 4.9468,
0.0298

■ 212.5550,
-21.9656, -1.3637

■ 227.8550, 13.3825,
1.0042

■ 208.7370,
-31.4223, -1.5233

■ 229.0510, 12.7929,
3.4633

■ 204.7340,
-40.2949, -2.3977

■ 230.5460, 12.0558,
6.5372

■ 201.0300,
-49.3148, -2.6573

■ 231.7420, 11.4662,
8.9963

■ 197.0270,
-58.1873, -3.5317

■ 233.2370, 10.7292,
12.0702

■ 193.3230,
-67.2072, -3.7913

■ 234.4330, 10.1395,
14.5293

■ 189.2060,
-76.5166, -4.5657

■ 235.6290, 9.5499,
16.9884

■ 185.5020,
-85.5365, -4.8253

Harmonies

Analogous

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



220.7680, -4.8156, 4.5885



220.2620, -4.0732, -0.2298



219.3970, -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.



220.2620, -4.0732, -0.2298



220.0960, 4.3897, -7.9772



222.2290, -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.



220.2620, -4.0732, -0.2298



213.7380, 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.



221.6030, 2.1677, 4.7332



220.2620, -4.0732, -0.2298



220.6450, 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.



220.2620, -4.0732, -0.2298



219.6290, 2.6479, -9.3216



221.7380, 4.0732, 0.2298



221.9580, -2.9373, 8.8068

Rectangle

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



220.2620, -4.0732, -0.2298



219.5430, -0.2677, -7.4922



221.7380, 4.0732, 0.2298



222.1580, 0.4151, 6.8774

Sweetspot

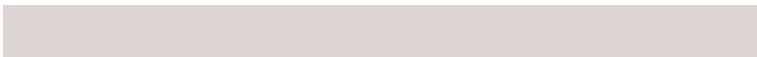
The Sweet Spot groups the original color and five complimentary colors.



220.2620, -4.0732, -0.2298



254.3590, -1.1630, -0.3148



216.1640, -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.



220.2620, -4.0732, -0.2298



252.6210, -5.2362, -0.5446



218.7670, -3.3361, -3.3037



110.9030, -2.9102, 0.0851



145.4710, -71.7172, -3.9211



39.8370, -19.6396, -0.7340

Inverse Universe

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



213.7380, 4.0732, 0.2298



244.3790, 5.2362, 0.5446



215.2330, 3.3361, 3.3037



106.3960, 2.7628, 0.5297



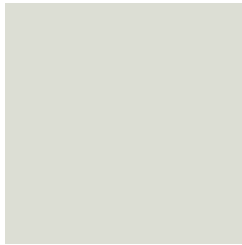
30.5290, 71.7172, 3.9211



8.4620, 19.4922, 1.3488

Previews

White Background



This preview shows how the YUV color 220.2620, -4.0732, -0.2298 looks on a white background.

Color Contrast Check

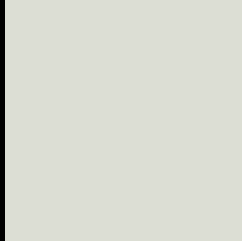
Large Text (above 18pt) WCAG AA × Fail

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 220.2620, -4.0732, -0.2298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

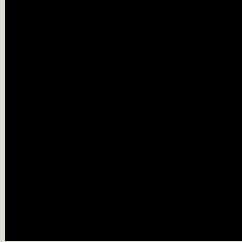
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

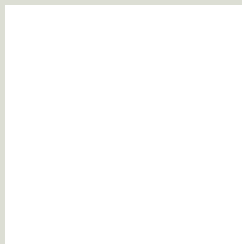
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 220.2620, -4.0732, -0.2298

Background



This preview shows how black text looks on a background with the YUV color 220.2620, -4.0732, -0.2298.



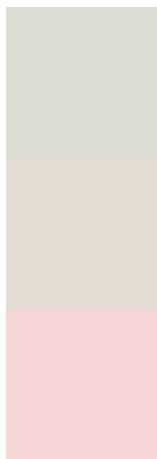
This preview shows how white text looks on a background with the YUV color 220.2620, -4.0732, -0.2298.

-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

220.2620, -4.0732, -0.2298

Protanopia

221.0670, -4.9630, 5.2032

Deuteranopia

222.6820, -4.2802, 19.5729



Tritanopia

221.8460, 6.9779, 1.8891

Trichromacy



Original Color

220.2620, -4.0732, -0.2298

Protanomaly

220.7570, -4.8102, 2.8441

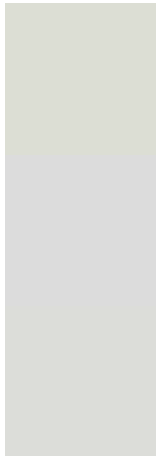
Deuteranomaly

221.6380, -4.2585, 12.5955

Tritanomaly

221.1080, 2.9048, 1.6593

Monochromacy



Original Color

220.2620, -4.0732, -0.2298

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.2450, -1.5998, -0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.2620, -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(220, 222, 212)` looks like.

```
.text, #text, p{  
    color:rgb(220, 222, 212)  
}
```

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(220, 222, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 222, 212) }
```

Border

The CSS property to change the border of an element to YUV 220.2620, -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(220, 222, 212) }
```


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

```
.border{ border-color:rgb(220, 222, 212) }
```

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

Here you see how a box with a 4 pixel rgb(220, 222, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 222, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 222, 212);  
box-shadow:4px 4px 4px 4px rgb(220, 222,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 220.2620, -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(220, 222, 212) }
```

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

```
.background{ background-color: rgb(220,  
222, 212) }
```

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