

Converting Colors

YUV(213.1640, -2.0529, 5.1182)

Have a look what the booklet for
YUV(213.1640, -2.0529, 5.1182)
contains.

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Color

**YUV(213.1640, -2.0529,
5.1182)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD3D1
RGB	219, 211, 209
RGB Percent	86%, 83%, 82%
CMY	0.1412, 0.1725, 0.1804
CMYK	0.00, 0.04, 0.05, 0.14
HSL	12°, 12%, 84%
HSV	12°, 5%, 86%
XYZ	64.0163, 66.2520, 69.7355
YIQ	213.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

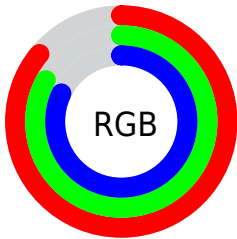
Format	Color
R _Y B	219, 212, 209
Decimal	14406609
CIE Lab	85.12, 2.40, 1.96
CIE LCh	85, 3.096, 39.197
Yxy	66.2520, 0.3201, 0.3313
Android (android.graphics.Color)	4292596689 (0xFFDBD3D1)
YUV	213.1640, -2.0529, 5.1182
Hunter-Lab	81.3954, -2.0541, 6.1800

Details

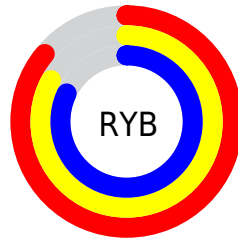
The YUV color $213.1640, -2.0529, 5.1182$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $214.8360, 2.0529, -5.1182$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $158.8650, -1.9054, 4.5034$ is the 20% darker color. If you saturate the color by 10%, you get $200.0900, -6.4534, 16.5841$, and if you desaturate by 10%, it is $226.2380, 2.3477, -6.3477$.

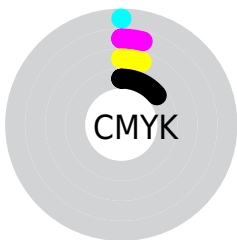
Distribution



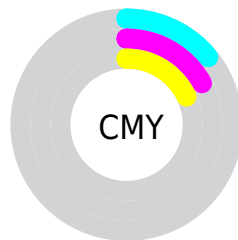
- Red (86%)
- Green (83%)
- Blue (82%)



- Red (86%)
- Yellow (83%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.1640, -2.0529, 5.1182 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 213.1640, -2.0529, 5.1182 by changing the saturation by 10% instead.

■ 213.1640, -2.0529,
5.1182

■ 213.1640, -2.0529,
5.1182

255.0000, 0.0000,
0.0000

■ 185.1640, -2.0529,
5.1182

■ 158.8650, -1.9054,
4.5034

■ 132.2780, -1.6161,
5.0182

■ 106.9790, -1.4686,
4.4034

■ 82.9790, -1.4686,
4.4034

■ 59.9790, -1.4686,
4.4034

■ 38.5660, -1.7580,

3.8886

■ 17.5660, -1.7580,
3.8886

■ 0.0000, 0.0000,
0.0000

■ 213.1640, -2.0529,
5.1182

■ 213.1640, -2.0529,
5.1182

■ 200.0900, -6.4534,
16.5841

■ 226.2380, 2.3477,
-6.3477

■ 187.6030,
-11.1433, 27.5352

■ 238.7250, 7.0376,
-17.2988

■ 174.5290,
-15.5438, 39.0011

■ 244.2360, 5.3067,
-22.1320

■ 162.0420,
-20.2337, 49.9522

■ 149.0820,
-24.1974, 61.3181

■ 136.5950,
-28.8873, 72.2692

■ 123.5210,
-33.2879, 83.7351

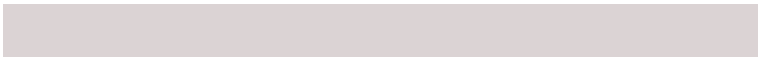
■ 111.0340,
-37.9778, 94.6862

■ 97.9600, -42.3783,
106.1521

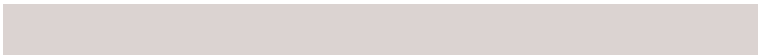
Harmonies

Analogous

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



213.5060, -0.7425, 4.8182



213.1640, -2.0529, 5.1182



212.9250, -2.9210, 3.5738

Triad

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



213.1640, -2.0529, 5.1182



211.7500, -0.8628, -3.2887



212.9720, 2.4788, -1.7294

Complementary

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



213.1640, -2.0529, 5.1182



214.8360, 2.0529, -5.1182

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.



212.0750, 2.9210, -3.5738



213.1640, -2.0529, 5.1182



211.4940, 0.7425, -4.8182

Square

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



213.1640, -2.0529, 5.1182



212.4190, -2.1786, -1.2445



211.8360, 2.0529, -5.1182



213.1680, 1.8892, 0.7297

Rectangle

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



213.1640, -2.0529, 5.1182



212.3270, -2.6262, 2.3442



211.8360, 2.0529, -5.1182



212.6730, 2.6262, -2.3442

Sweetspot

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



213.1640, -2.0529, 5.1182



253.4840, -0.7316, 1.3295



212.9020, 2.0203, 5.3479



126.5980, -0.2948, 1.2296



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.



213.1640, -2.0529, 5.1182



247.6480, -2.7845, 6.4477



216.0990, -3.4998, 2.5442



105.6800, -1.3212, 3.7886



72.2720, -35.6301, 88.3385



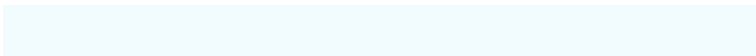
19.0370, -9.3852, 23.6466

Inverse Universe

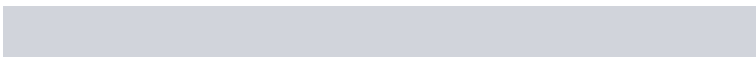
The Inverse Universe completely reimagines the original color for something new.



214.8360, 2.0529, -5.1182



249.3520, 2.7845, -6.4477



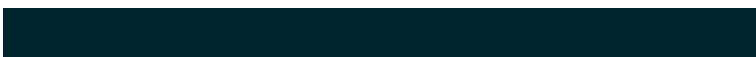
211.9010, 3.4998, -2.5442



106.7330, 1.6106, -3.2738



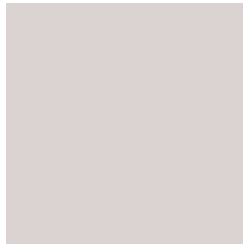
101.3150, 35.3407, -88.8533



26.9630, 9.3852, -23.6466

Previews

White Background



This preview shows how the YUV color 213.1640, -2.0529, 5.1182 looks on a white background.

Color Contrast Check

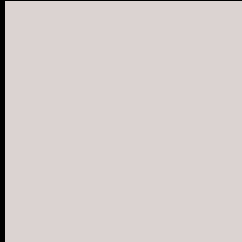
Large Text (above 18pt) WCAG AA × Fail

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 213.1640, -2.0529, 5.1182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

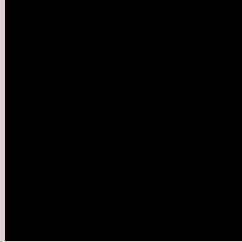
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

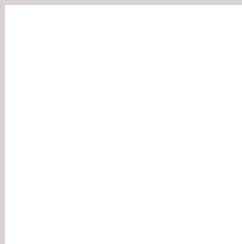
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.1640, -2.0529, 5.1182

Background



This preview shows how black text looks on a background with the YUV color 213.1640, -2.0529, 5.1182.

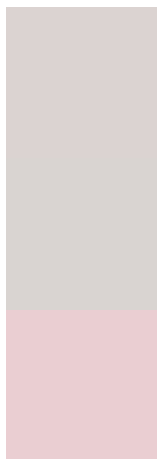


This preview shows how white text looks on a background with the YUV color 213.1640, -2.0529,

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

213.1640, -2.0529, 5.1182

Protanopia

213.1530, -2.0474, 3.3738

Deuteranopia

214.8280, -2.3802, 16.8138



Tritanopia

214.4120, 5.2199, 5.7777

Trichromacy



Original Color

213.1640, -2.0529, 5.1182

Protanomaly

213.4520, -2.1948, 3.9886

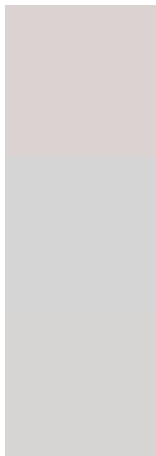
Deuteranomaly

214.5070, -2.2220, 12.7104

Tritanomaly

214.0160, 2.4571, 5.2480

Monochromacy



Original Color

213.1640, -2.0529, 5.1182

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.8970, -0.4422, 1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.1640, -2.0529, 5.1182 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(219, 211, 209)` looks like.

```
.text, #text, p{  
    color:rgb(219, 211, 209)  
}
```

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(219, 211, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 211, 209) }
```

Border

The CSS property to change the border of an element to YUV 213.1640, -2.0529, 5.1182 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(219, 211, 209) }
```


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

```
.border{ border-color:rgb(219, 211, 209) }
```

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

Here you see how a box with a 4 pixel rgb(219, 211, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 211, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 211, 209);  
box-shadow:4px 4px 4px 4px rgb(219, 211,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 213.1640, -2.0529, 5.1182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 211, 209) }
```

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

```
.background{ background-color: rgb(219,  
211, 209) }
```

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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