

Converting Colors

YUV(216.6260, -2.7736, 2.9590)

Have a look what the booklet for
YUV(216.6260, -2.7736, 2.9590)
contains.

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Color

**YUV(216.6260, -2.7736,
2.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD8D3
RGB	220, 216, 211
RGB Percent	86%, 85%, 83%
CMY	0.1373, 0.1529, 0.1725
CMYK	0.00, 0.02, 0.04, 0.14
HSL	33°, 11%, 85%
HSV	33°, 4%, 86%
XYZ	65.8289, 69.0305, 71.4827
YIQ	216.6260, 3.9890, -0.7070

Conversions

Conversions Part 2

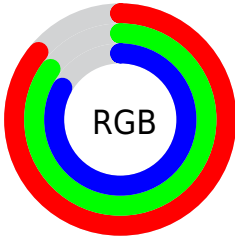
Format	Color
RYB	218, 220, 211
Decimal	14473427
CIELab	86.52, 0.49, 2.93
CIELCh	87, 2.973, 80.558
Yxy	69.0305, 0.3190, 0.3345
Android (android.graphics.Color)	4292663507 (0xFFDCD8D3)
YUV	216.6260, -2.7736, 2.9590
Hunter-Lab	83.0846, -3.9704, 7.1485

Details

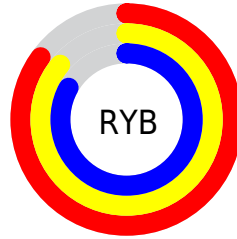
The YUV color $216.6260, -2.7736, 2.9590$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $214.3740, 2.7736, -2.9590$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.7400, -2.3368, 2.8590$ is the 20% darker color. If you saturate the color by 10%, you get $208.2480, -9.4893, 10.3065$, and if you desaturate by 10%, it is $225.0040, 3.9420, -4.3885$.

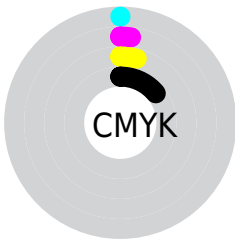
Distribution



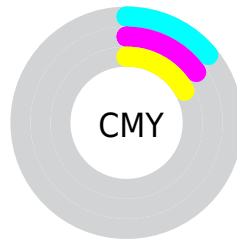
- Red (86%)
- Green (85%)
- Blue (83%)



- Red (85%)
- Yellow (86%)
- Blue (83%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.6260, -2.7736, 2.9590 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 216.6260, -2.7736, 2.9590 by changing the saturation by 10% instead.

■ 216.6260, -2.7736,
2.9590

■ 216.6260, -2.7736,
2.9590

255.0000, 0.0000,
0.0000

■ 188.6260, -2.7736,
2.9590

■ 161.7400, -2.3368,
2.8590

■ 135.6260, -2.7736,
2.9590

■ 110.3270, -2.6262,
2.3442

■ 85.7400, -2.3368,
2.8590

■ 62.4410, -2.1894,
2.2442

■ 40.5550, -1.7526,

2.1443

■ 20.4410, -2.1894,
2.2442

■ 0.0000, 0.0000,
0.0000

■ 216.6260, -2.7736,
2.9590

■ 216.6260, -2.7736,
2.9590

■ 208.2480, -9.4893,
10.3065

■ 225.0040, 3.9420,
-4.3885

■ 199.8700,
-16.2049, 17.6540

■ 233.3820, 10.6577,
-11.7360

■ 192.0790,
-23.2099, 24.4867

■ 238.6650, 8.0532,
-16.3692

■ 183.7010,
-29.9256, 31.8342

■ 244.5350, 5.1592,
-21.5172

■ 175.3230,
-36.6412, 39.1817

■ 166.9450,
-43.3569, 46.5292

■ 159.1540,
-50.3619, 53.3619

■ 150.7760,
-57.0776, 60.7094

■ 142.3980,
-63.7932, 68.0570

Harmonies

Analogous

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



216.7510, -2.3422, 4.6034



216.6260, -2.7736, 2.9590



216.3160, -2.6208, 0.5999

Triad

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



216.6260, -2.7736, 2.9590



215.6080, 1.1793, -4.9182



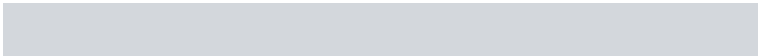
216.7660, 1.5944, 1.9592

Complementary

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



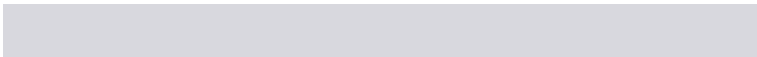
216.6260, -2.7736, 2.9590



214.3740, 2.7736, -2.9590

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.



216.6840, 2.6208, -0.5999



216.6260, -2.7736, 2.9590



216.2490, 2.3422, -4.6034

Square

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



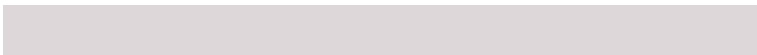
216.6260, -2.7736, 2.9590



215.5650, -0.2785, -4.0035



216.3740, 2.7736, -2.9590



217.4350, 0.2785, 4.0035

Rectangle

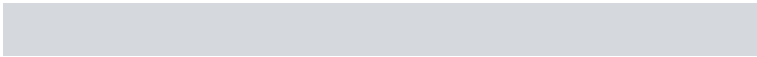
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.6260, -2.7736, 2.9590



216.4190, -2.1786, -1.2445



216.3740, 2.7736, -2.9590



217.1680, 1.8892, 0.7297

Sweetspot

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



216.6260, -2.7736, 2.9590



254.0710, -1.0210, 0.8147



214.1470, 0.4205, 5.1331



127.1850, -0.5842, 0.7148



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.



216.6260, -2.7736, 2.9590



249.9960, -3.9420, 4.3885



218.9740, -3.9312, 0.8998



107.4410, -2.1894, 2.2442



108.0790, -53.2829, 56.9357



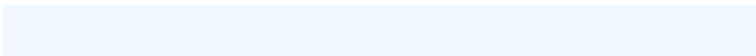
28.4290, -14.0155, 15.4098

Inverse Universe

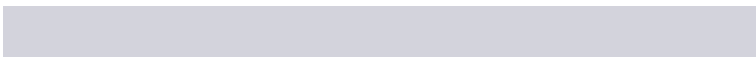
The Inverse Universe completely reimagines the original color for something new.



214.3740, 2.7736, -2.9590



247.0040, 3.9420, -4.3885



212.0260, 3.9312, -0.8998



105.5590, 2.1894, -2.2442



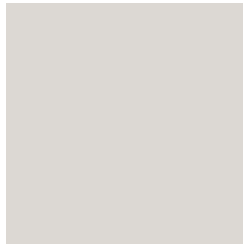
64.9210, 53.2829, -56.9357



16.9840, 14.3049, -14.8950

Previews

White Background



This preview shows how the YUV color 216.6260, -2.7736, 2.9590 looks on a white background.

Color Contrast Check

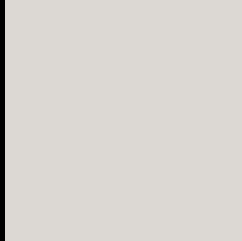
Large Text (above 18pt) WCAG AA × Fail

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 216.6260, -2.7736, 2.9590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

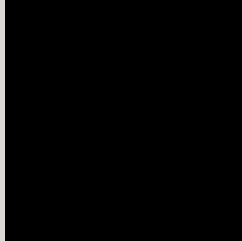
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

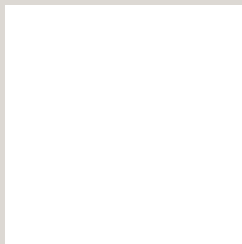
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.6260, -2.7736, 2.9590

Background



This preview shows how black text looks on a background with the YUV color 216.6260, -2.7736, 2.9590.

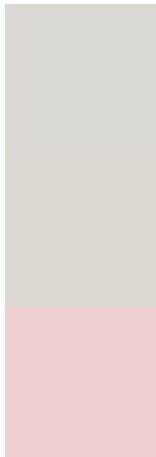


This preview shows how white text looks on a background with the YUV color 216.6260, -2.7736,

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

216.6260, -2.7736, 2.9590

Protanopia

217.2240, -3.0684, 4.1886

Deuteranopia

218.3120, -3.1118, 18.1434



Tritanopia

217.9280, 5.9515, 4.4481

Trichromacy



Original Color

216.6260, -2.7736, 2.9590

Protanomaly

216.9250, -2.9210, 3.5738

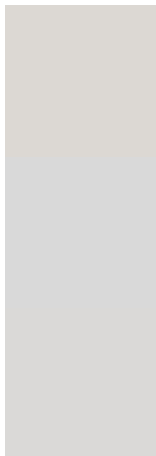
Deuteranomaly

217.9800, -2.9481, 12.2955

Tritanomaly

217.4180, 2.7519, 4.0184

Monochromacy



Original Color

216.6260, -2.7736, 2.9590

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.0710, -1.0210, 0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.6260, -2.7736, 2.9590 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, 216, 211)` looks like.

```
.text, #text, p{  
    color:rgb(220, 216, 211)  
}
```

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, 216, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 216, 211) }
```

Border

The CSS property to change the border of an element to YUV 216.6260, -2.7736, 2.9590 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, 216, 211) }
```


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

```
.border{ border-color:rgb(220, 216, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 216, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 216, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 216, 211);  
box-shadow:4px 4px 4px 4px rgb(220, 216,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 216.6260, -2.7736, 2.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 216, 211) }
```

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

```
.background{ background-color: rgb(220,  
216, 211) }
```

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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