

Converting Colors

YUV(216.3960, 2.7628, 0.5297)

Have a look what the booklet for
YUV(216.3960, 2.7628, 0.5297)
contains.

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Color

**YUV(216.3960, 2.7628,
0.5297)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D7DE
RGB	217, 215, 222
RGB Percent	85%, 84%, 87%
CMY	0.1490, 0.1569, 0.1294
CMYK	0.02, 0.03, 0.00, 0.13
HSL	257°, 10%, 86%
HSV	257°, 3%, 87%
XYZ	66.1005, 68.6265, 78.8696
YIQ	216.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

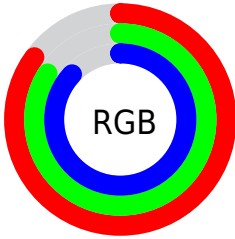
Format	Color
R _Y B	217, 215, 222
Decimal	14276574
CIE Lab	86.32, 1.96, -3.20
CIE LCh	86, 3.756, 301.435
Yxy	68.6265, 0.3095, 0.3213
Android (android.graphics.Color)	4292466654 (0xFFD9D7DE)
YUV	216.3960, 2.7628, 0.5297
Hunter-Lab	82.8411, -2.5434, 1.5412

Details

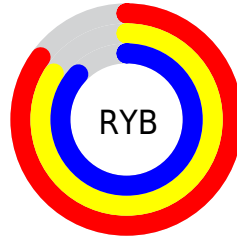
The YUV color `216.3960, 2.7628, 0.5297` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `220.6040, -2.7628, -0.5297`, and the grayscale version is `216.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `161.3960, 2.7628, 0.5297` is the 20% darker color. If you saturate the color by 10%, you get `198.6980, 11.4879, 2.0189`, and if you desaturate by 10%, it is `234.0940, -5.9623, -0.9594`.

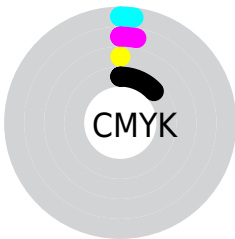
Distribution



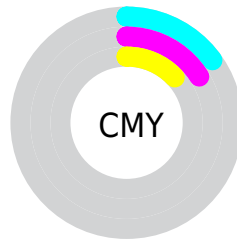
- Red (85%)
- Green (84%)
- Blue (87%)



- Red (85%)
- Yellow (84%)
- Blue (87%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.3960, 2.7628, 0.5297 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 216.3960, 2.7628, 0.5297 by changing the saturation by 10% instead.

■ 216.3960, 2.7628,
0.5297

■ 216.3960, 2.7628,
0.5297

255.0000, 0.0000,
0.0000

■ 188.3960, 2.7628,
0.5297

■ 161.3960, 2.7628,
0.5297

■ 135.3960, 2.7628,
0.5297

■ 110.2820, 2.3260,
0.6297

■ 85.9830, 2.4734,
0.0149

■ 62.2820, 2.3260,
0.6297

■ 40.8690, 2.0366,

0.1149

■ 20.1680, 1.8892,
0.7297

■ 0.0000, 0.0000,
0.0000

■ 216.3960, 2.7628,
0.5297

■ 216.3960, 2.7628,
0.5297

■ 198.6980, 11.4879,
2.0189

■ 234.0940, -5.9623,
-0.9594

■ 181.0000, 20.2130,
3.5080

■ 249.4440,
-13.5299, -0.3894

■ 162.7150, 29.2275,
5.5119

■ 251.2380,
-14.4143, 3.2993

■ 145.3160, 37.8052,
7.6159

■ 127.6180, 46.5303,
9.1050

■ 109.9200, 55.2554,
10.5942

■ 92.2220, 63.9806,
12.0833

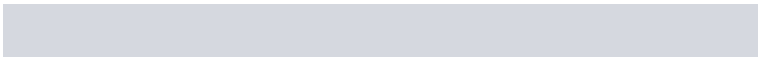
■ 73.9370, 72.9951,
14.0873

■ 56.2390, 81.7202,
15.5764

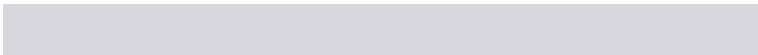
Harmonies

Analogous

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



215.9010, 3.4998, -2.5442



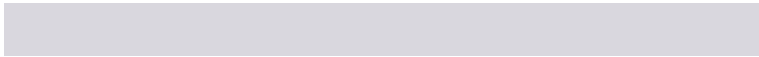
216.3960, 2.7628, 0.5297



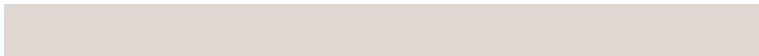
216.6630, 1.1521, 3.8035

Triad

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



216.3960, 2.7628, 0.5297



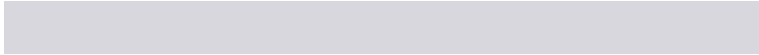
216.5230, -3.2158, 4.8033



214.7820, 0.6005, -5.9478

Complementary

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



216.3960, 2.7628, 0.5297



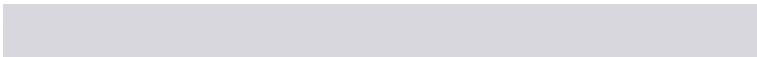
220.6040, -2.7628, -0.5297

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.



215.2230, -1.5889, -3.7036



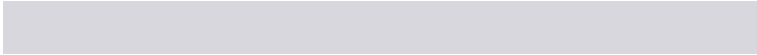
216.3960, 2.7628, 0.5297



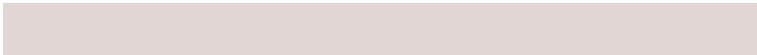
216.0990, -3.4998, 2.5442

Square

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



216.3960, 2.7628, 0.5297



216.7620, -2.3477, 6.3477



215.6040, -2.7628, -0.5297



215.1240, 1.9109, -6.2477

Rectangle

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



216.3960, 2.7628, 0.5297



217.0330, -0.0163, 5.2331



215.6040, -2.7628, -0.5297



214.9670, 0.0163, -5.2331

Sweetspot

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



216.3960, 2.7628, 0.5297



252.6410, 1.1630, 0.3148



218.7330, 1.6106, -3.2738



126.5270, 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.



216.3960, 2.7628, 0.5297



247.0370, 3.9258, 0.8446



217.2930, 2.3206, 2.3740



107.8690, 2.0366, 0.1149



35.0140, 69.5061, 13.1427



9.6580, 18.9026, 3.8079

Inverse Universe

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



217.6630, 1.1521, 3.8035



248.7880, 1.5835, 5.4479



219.7070, -2.3206, -2.3740



108.9510, 1.0102, 2.6740



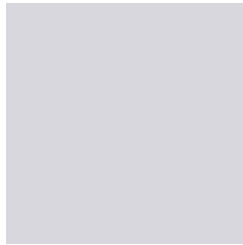
66.9880, 29.0929, 95.6035



18.3420, 8.2124, 26.0101

Previews

White Background



This preview shows how the YUV color 216.3960, 2.7628, 0.5297 looks on a white background.

Color Contrast Check

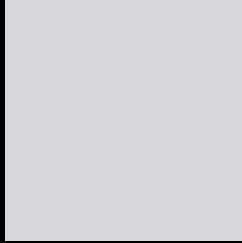
Large Text (above 18pt) WCAG AA × Fail

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 216.3960, 2.7628, 0.5297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

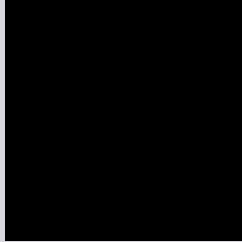
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

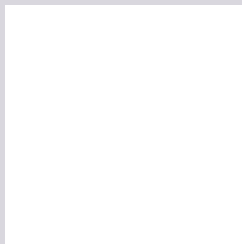
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.3960, 2.7628, 0.5297

Background



This preview shows how black text looks on a background with the YUV color 216.3960, 2.7628, 0.5297.



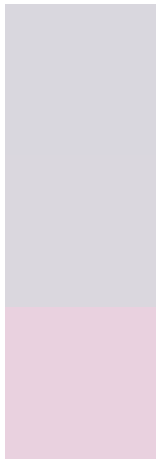
This preview shows how white text looks on a background with the YUV color 216.3960, 2.7628,

0.5297.

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

216.3960, 2.7628, 0.5297

Protanopia

216.6950, 2.6154, 1.1445

Deuteranopia

217.7720, 2.5774, 13.3550



Tritanopia

217.1340, 6.8359, 0.7595

Trichromacy



Original Color

216.3960, 2.7628, 0.5297

Protanomaly

216.6950, 2.6154, 1.1445

Deuteranomaly

217.1520, 2.8831, 8.6367

Tritanomaly

216.7920, 5.5255, 1.0594

Monochromacy



Original Color

216.3960, 2.7628, 0.5297

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.2280, 0.8736, -0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.3960, 2.7628, 0.5297 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(217, 215, 222)` looks like.

```
.text, #text, p{  
    color:rgb(217, 215, 222)  
}
```

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(217, 215, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 215, 222) }
```

Border

The CSS property to change the border of an element to YUV 216.3960, 2.7628, 0.5297 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(217, 215, 222) }
```


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

```
.border{ border-color:rgb(217, 215, 222) }
```

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

Here you see how a box with a 4 pixel rgb(217, 215, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 215, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 215, 222);  
box-shadow:4px 4px 4px 4px rgb(217, 215,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 216.3960, 2.7628, 0.5297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 215, 222) }
```

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

```
.background{ background-color: rgb(217,  
215, 222) }
```

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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