

Converting Colors

YUV(217.3280, -7.5567, -2.9187)

Have a look what the booklet for
YUV(217.3280, -7.5567, -2.9187)
contains.

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Color

**YUV(217.3280, -7.5567,
-2.9187)**

Conversions

Conversions Part 1

Format	Color
Hex	D6DECA
RGB	214, 222, 202
RGB Percent	84%, 87%, 79%
CMY	0.1608, 0.1294, 0.2078
CMYK	0.04, 0.00, 0.09, 0.13
HSL	84°, 23%, 83%
HSV	84°, 9%, 87%
XYZ	64.5135, 70.8030, 66.1432
YIQ	217.3280, 1.6520, -7.9160

Conversions

Conversions Part 2

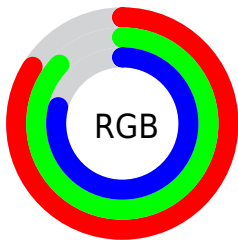
Format	Color
R _Y B	202, 222, 210
Decimal	14081738
CIE Lab	87.39, -6.23, 8.87
CIE LCh	87, 10.841, 125.068
Yxy	70.8030, 0.3202, 0.3514
Android (android.graphics.Color)	4292271818 (0xFFD6DECA)
YUV	217.3280, -7.5567, -2.9187
Hunter-Lab	84.1445, -10.3971, 12.2952

Details

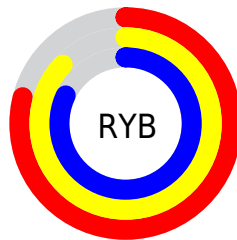
The YUV color $217.3280, -7.5567, -2.9187$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $206.6720, 7.5567, 2.9187$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.4420, -7.1199, -3.0186$ is the 20% darker color. If you saturate the color by 10%, you get $212.1290, -15.8396, -6.2521$, and if you desaturate by 10%, it is $222.5270, 0.7262, 0.4148$.

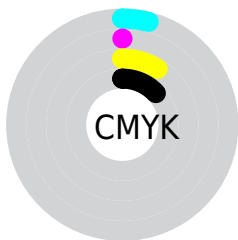
Distribution



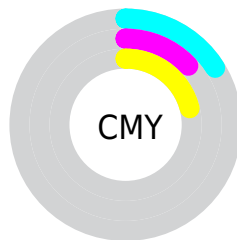
- Red (84%)
- Green (87%)
- Blue (79%)



- Red (79%)
- Yellow (87%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.3280, -7.5567, -2.9187 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 217.3280, -7.5567, -2.9187 by changing the saturation by 10% instead.

■ 217.3280, -7.5567,
-2.9187

■ 217.3280, -7.5567,
-2.9187

255.0000, 0.0000,
0.0000

■ 189.4420, -7.1199,
-3.0186

■ 162.4420, -7.1199,
-3.0186

■ 136.4420, -7.1199,
-3.0186

■ 110.8550, -6.8305,
-2.5038

■ 86.9690, -6.3937,
-2.6038

■ 63.0830, -5.9569,
-2.7038

■ 41.1970, -5.5201,

-2.8038

■ 20.3390, -7.5621,
-1.1743

■ 0.0000, 0.0000,
0.0000

■ 217.3280, -7.5567,
-2.9187

■ 217.3280, -7.5567,
-2.9187

■ 212.1290,
-15.8396, -6.2521

■ 222.5270, 0.7262,
0.4148

■ 206.9300,
-24.1225, -9.5856

■ 227.7260, 9.0091,
3.7483

■ 201.6170,
-32.8422, -12.8191

■ 231.4430, 11.6136,
8.3815

■ 196.4180,
-41.1251, -16.1526

■ 234.1340, 10.2869,
13.9145

■ 191.5180,
-49.5554, -18.8713

■ 235.6290, 9.5499,
16.9884

■ 186.3190,
-57.8383, -22.2048

■ 181.1200,
-66.1212, -25.5382

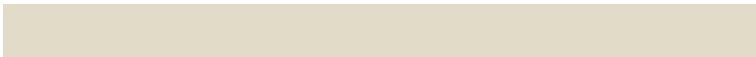
■ 175.8070,
-74.8409, -28.7717

■ 170.6080,
-83.1237, -32.1052

Harmonies

Analogous

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



218.8130, -9.7678, 6.3030



217.3280, -7.5567, -2.9187



216.1250, -3.0196, -11.5106

Triad

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



217.3280, -7.5567, -2.9187



217.1320, 9.7949, -15.0248



221.3550, -1.6540, 17.2287

Complementary

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



217.3280, -7.5567, -2.9187



206.6720, 7.5567, 2.9187

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.



220.9890, 3.4564, 11.4106



217.3280, -7.5567, -2.9187



218.8880, 9.9152, -6.9178

Square

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



217.3280, -7.5567, -2.9187



216.3010, 6.7536, -19.5580



220.3730, 7.7041, 2.3039



220.8020, -6.3114, 17.7136

Rectangle

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



217.3280, -7.5567, -2.9187



215.7160, 0.6330, -16.4139



220.3730, 7.7041, 2.3039



221.0990, -0.0488, 15.6992

Sweetspot

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



217.3280, -7.5567, -2.9187



253.1910, -3.0522, -1.0445



212.6760, -5.2633, 8.1771



126.4190, -2.1786, -1.2445



0.0000, 0.0000, 0.0000



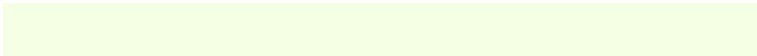
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.3280, -7.5567, -2.9187



248.5190, -10.6089, -3.9632



214.3380, -6.0826, -9.0664



109.5500, -4.2151, -1.3593



135.0060, -66.5580, -25.4383



36.8470, -18.1656, -6.8818

Inverse Universe

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



206.6720, 7.5567, 2.9187



233.4810, 10.6089, 3.9632



209.6620, 6.0826, 9.0664



103.4500, 4.2151, 1.3593



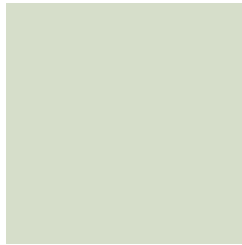
40.9940, 66.5580, 25.4383



11.1530, 18.1656, 6.8818

Previews

White Background



This preview shows how the YUV color 217.3280, -7.5567, -2.9187 looks on a white background.

Color Contrast Check

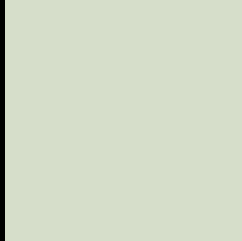
Large Text (above 18pt) WCAG AA × Fail

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 217.3280, -7.5567, -2.9187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

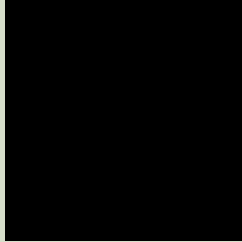
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

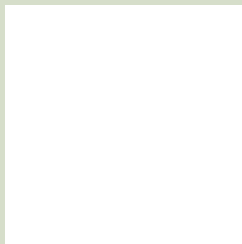
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.3280, -7.5567, -2.9187

Background



This preview shows how black text looks on a background with the YUV color 217.3280, -7.5567, -2.9187.



This preview shows how white text looks on a background with the YUV color 217.3280, -7.5567,

-2.9187.

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

217.3280, -7.5567, -2.9187

Protanopia

218.6390, -9.1890, 7.3326

Deuteranopia

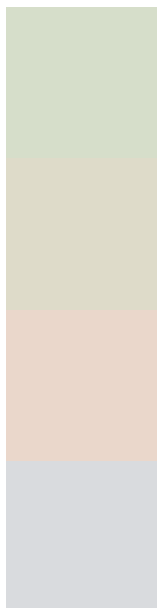
220.3680, -8.0694, 21.6023



Tritanopia

219.5360, 7.1308, -0.4701

Trichromacy



Original Color

217.3280, -7.5567, -2.9187

Protanomaly

217.8450, -8.3046, 3.6439

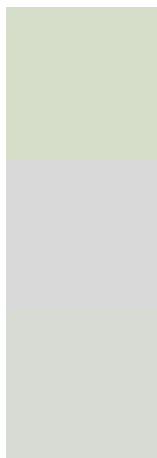
Deuteranomaly

219.3130, -8.0423, 12.8805

Tritanomaly

218.7440, 1.6052, -1.5295

Monochromacy



Original Color

217.3280, -7.5567, -2.9187

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.3050, -2.6154, -1.1445

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.3280, -7.5567, -2.9187 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(214, 222, 202)` looks like.

```
.text, #text, p{  
    color:rgb(214, 222, 202)  
}
```

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(214, 222, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 222, 202) }
```

Border

The CSS property to change the border of an element to YUV 217.3280, -7.5567, -2.9187 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(214, 222, 202) }
```


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

```
.border{ border-color:rgb(214, 222, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 222, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 222, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 222, 202);  
box-shadow:4px 4px 4px 4px rgb(214, 222,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 217.3280, -7.5567, -2.9187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 222, 202) }
```

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

```
.background{ background-color: rgb(214,  
222, 202) }
```

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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