

Converting Colors

YUV(213.2570, -3.0847, 9.4216)

Have a look what the booklet for
YUV(213.2570, -3.0847, 9.4216)
contains.

YUV(213.2570, -3.0847, 9.4216)	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(213.2570, -3.0847,
9.4216)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D1CF
RGB	224, 209, 207
RGB Percent	88%, 82%, 81%
CMY	0.1216, 0.1804, 0.1882
CMYK	0.00, 0.07, 0.08, 0.12
HSL	7°, 22%, 85%
HSV	7°, 8%, 88%
XYZ	64.8034, 65.9532, 68.3462
YIQ	213.2570, 9.5820, 2.5580

Conversions

Conversions Part 2

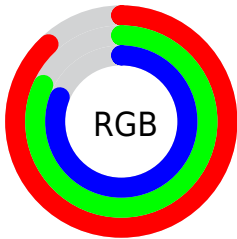
Format	Color
R_{YB}	224, 209, 207
Decimal	14733775
CIE _{Lab}	84.97, 4.84, 2.85
CIE _{LCh}	85, 5.619, 30.438
Yxy	65.9532, 0.3255, 0.3313
Android (android.graphics.Color)	4292923855 (0xFFE0D1CF)
YUV	213.2570, -3.0847, 9.4216
Hunter-Lab	81.2116, 0.3152, 6.9507

Details

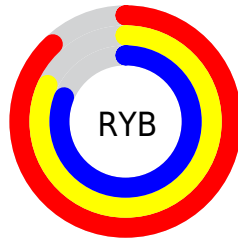
The YUV color $213.2570, -3.0847, 9.4216$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $217.7430, 3.0847, -9.4216$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $158.9580, -2.9373, 8.8068$ is the 20% darker color. If you saturate the color by 10%, you get $199.0090, -6.9064, 21.9171$, and if you desaturate by 10%, it is $227.5050, 0.7370, -3.0739$.

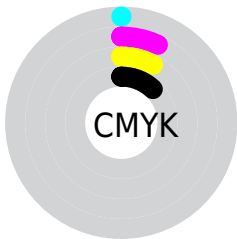
Distribution



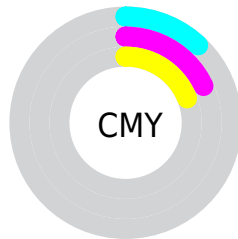
- Red (88%)
- Green (82%)
- Blue (81%)



- Red (88%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (12%)



- Cyan (12%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.2570, -3.0847, 9.4216 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 213.2570, -3.0847, 9.4216 by changing the saturation by 10% instead.

■ 213.2570, -3.0847,
9.4216

■ 213.2570, -3.0847,
9.4216

255.0000, 0.0000,
0.0000

■ 185.2570, -3.0847,
9.4216

■ 158.9580, -2.9373,
8.8068

■ 132.6590, -2.7899,
8.1921

■ 107.6590, -2.7899,
8.1921

■ 83.3600, -2.6425,
7.5773

■ 60.0610, -2.4951,
6.9625

■ 38.1750, -2.0583,

6.8625

■ 17.2460, -3.0793,
7.6773

■ 0.0000, 0.0000,
0.0000

■ 213.2570, -3.0847,
9.4216

■ 213.2570, -3.0847,
9.4216

■ 199.0090, -6.9064,
21.9171

■ 227.5050, 0.7370,
-3.0739

■ 184.6470,
-11.1650, 34.5126

■ 241.8670, 4.9956,
-15.6694

■ 170.9860,
-15.2761, 46.4933

■ 245.7310, 4.5696,
-19.0581

■ 156.6240,
-19.5346, 59.0888

■ 142.3760,
-23.3564, 71.5842

■ 128.1280,
-27.1781, 84.0797

■ 114.3530,
-31.7260, 96.1604

■ 100.1050,
-35.5478, 108.6559

■ 85.7430, -39.8063,
121.2514

Harmonies

Analogous

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



213.5280, -0.7533, 8.3069



213.2570, -3.0847, 9.4216



212.7900, -4.8265, 8.0772

Triad

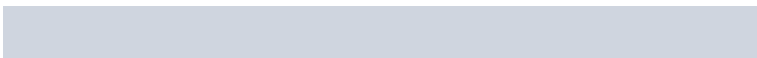
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213.2570, -3.0847, 9.4216



211.0980, -2.0203, -5.3479



212.3460, 5.2524, -4.6884

Complementary

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



213.2570, -3.0847, 9.4216



217.7430, 3.0847, -9.4216

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.



211.2100, 4.8265, -8.0772



213.2570, -3.0847, 9.4216



210.4720, 0.7533, -8.3069

Square

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



213.2570, -3.0847, 9.4216



211.8490, -4.3626, -0.7446



210.7430, 3.0847, -9.4216



213.0370, 3.9258, 0.8446

Rectangle

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



213.2570, -3.0847, 9.4216



212.3660, -5.1104, 5.8180



210.7430, 3.0847, -9.4216



211.6340, 5.1104, -5.8180

Sweetspot

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



213.2570, -3.0847, 9.4216



252.0820, -1.0264, 2.5591



213.7930, 4.0461, 8.9515



125.8970, -0.4422, 1.8443



0.0000, 0.0000, 0.0000



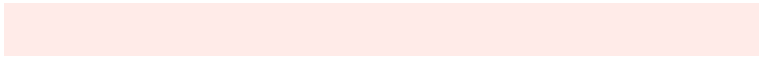
128.0000, 0.0000, 0.0000

Same Dimension

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



213.2570, -3.0847, 9.4216



240.6380, -4.2585, 12.5955



217.9530, -5.3998, 5.3032



104.8760, -1.9109, 6.2477



64.9510, -32.0208, 97.3900



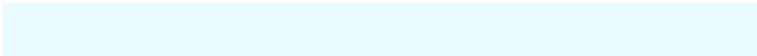
17.8740, -8.8119, 26.4205

Inverse Universe

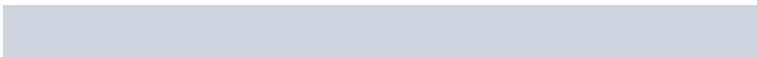
The Inverse Universe completely reimagines the original color for something new.



217.7430, 3.0847, -9.4216



246.3620, 4.2585, -12.5955



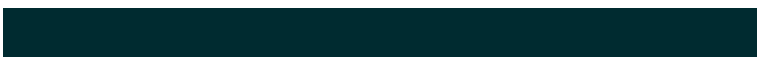
213.0470, 5.3998, -5.3032



108.1240, 1.9109, -6.2477



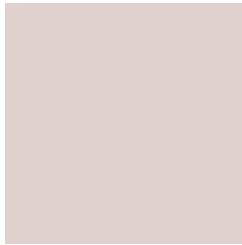
111.0490, 32.0208, -97.3900



30.7130, 8.5225, -26.9353

Previews

White Background



This preview shows how the YUV color 213.2570, -3.0847, 9.4216 looks on a white background.

Color Contrast Check

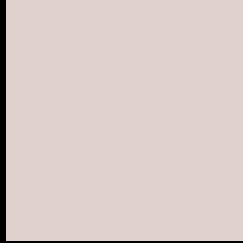
Large Text (above 18pt) WCAG AA × Fail

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 213.2570, -3.0847, 9.4216 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

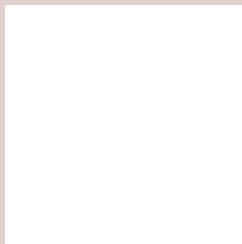
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.2570, -3.0847, 9.4216

Background



This preview shows how black text looks on a background with the YUV color 213.2570, -3.0847, 9.4216.



This preview shows how white text looks on a background with the YUV color 213.2570, -3.0847,

9.4216.

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

213.2570, -3.0847, 9.4216

Protanopia

212.4520, -2.1948, 3.9886

Deuteranopia

214.0130, -2.9644, 17.5286



Tritanopia

214.5050, 4.1880, 10.0811

Trichromacy



Original Color

213.2570, -3.0847, 9.4216

Protanomaly

212.7620, -2.3477, 6.3477

Deuteranomaly

213.4040, -2.6642, 14.5547

Tritanomaly

214.1090, 1.4253, 9.5514

Monochromacy



Original Color

213.2570, -3.0847, 9.4216

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.3810, -1.1738, 3.1739

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.2570, -3.0847, 9.4216 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(224, 209, 207)` looks like.

```
.text, #text, p{  
    color:rgb(224, 209, 207)  
}
```

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(224, 209, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 209, 207) }
```

Border

The CSS property to change the border of an element to YUV 213.2570, -3.0847, 9.4216 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(224, 209, 207) }
```


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

```
.border{ border-color:rgb(224, 209, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 209, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 209, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 209, 207);  
box-shadow:4px 4px 4px 4px rgb(224, 209,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 213.2570, -3.0847, 9.4216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 209, 207) }
```

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

```
.background{ background-color: rgb(224,  
209, 207) }
```

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