

Converting Colors

YUV(216.5150, 2.2111, -9.2217)

Have a look what the booklet for
YUV(216.5150, 2.2111, -9.2217)
contains.

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Color

**YUV(216.5150, 2.2111,
-9.2217)**

Conversions

Conversions Part 1

Format	Color
Hex	CEDDDD
RGB	206, 221, 221
RGB Percent	81%, 87%, 87%
CMY	0.1922, 0.1333, 0.1333
CMYK	0.07, 0.00, 0.00, 0.13
HSL	180°, 18%, 84%
HSV	180°, 7%, 87%
XYZ	64.3612, 70.0552, 78.5364
YIQ	216.5150, -8.9400, -3.1800

Conversions

Conversions Part 2

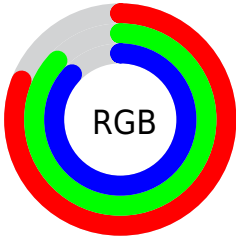
Format	Color
R _Y B	206, 214, 221
Decimal	13557213
CIE Lab	87.02, -5.00, -1.74
CIE LCh	87, 5.293, 199.144
Yxy	70.0552, 0.3022, 0.3290
Android (android.graphics.Color)	4291747293 (0xFFCEDDDD)
YUV	216.5150, 2.2111, -9.2217
Hunter-Lab	83.6990, -9.2138, 2.9563

Details

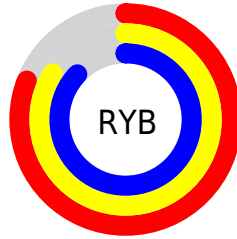
The YUV color $216.5150, 2.2111, -9.2217$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $210.4850, -2.2111, 9.2217$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.8140, 2.0637, -8.6069$ is the 20% darker color. If you saturate the color by 10%, you get $209.9370, 5.4541, -22.7467$, and if you desaturate by 10%, it is $223.0930, -1.0318, 4.3034$.

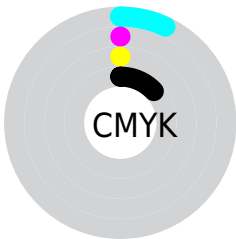
Distribution



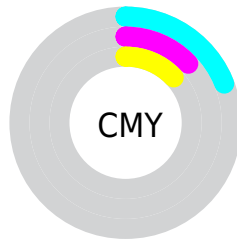
- Red (81%)
- Green (87%)
- Blue (87%)



- Red (81%)
- Yellow (84%)
- Blue (87%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.5150, 2.2111, -9.2217 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 216.5150, 2.2111, -9.2217 by changing the saturation by 10% instead.

■ 216.5150, 2.2111,
-9.2217

■ 216.5150, 2.2111,
-9.2217

255.0000, 0.0000,
0.0000

■ 188.5150, 2.2111,
-9.2217

■ 161.8140, 2.0637,
-8.6069

■ 135.8140, 2.0637,
-8.6069

■ 110.1130, 1.9163,
-7.9921

■ 86.1130, 1.9163,
-7.9921

■ 62.4120, 1.7689,
-7.3773

■ 40.4120, 1.7689,

-7.3773

■ 20.1130, 1.9163,
-7.9921

■ 0.0000, 0.0000,
0.0000

■ 216.5150, 2.2111,
-9.2217

■ 216.5150, 2.2111,
-9.2217

■ 209.9370, 5.4541,
-22.7467

■ 223.0930, -1.0318,
4.3034

■ 203.3590, 8.6970,
-36.2718

■ 229.6710, -4.2748,
17.8285

■ 196.7810, 11.9400,
-49.7969

■ 231.1660, -5.0118,
20.9024

■ 190.2030, 15.1829,
-63.3220

■ 183.3260, 18.5733,
-77.4619

■ 176.7480, 21.8162,
-90.9870

■ 170.1700, 25.0592,
-104.5121

■ 163.5920, 28.3021,
-118.0372

■ 157.0140, 31.5451,
-131.5623

Harmonies

Analogous

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



216.5430, -0.2677, -7.4922



216.5150, 2.2111, -9.2217



216.6830, 4.1003, -8.4920

Triad

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



216.5150, 2.2111, -9.2217



219.1190, 2.8993, 3.4036



218.0670, -4.9630, 5.2032

Complementary

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



216.5150, 2.2111, -9.2217



210.4850, -2.2111, 9.2217

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.



219.0180, -3.9529, 7.8772



216.5150, 2.2111, -9.2217



219.1580, 0.4151, 6.8774

Square

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



216.5150, 2.2111, -9.2217



218.1400, 4.3680, -0.9998



219.1860, -2.0637, 8.6069



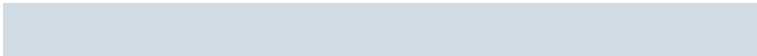
217.7460, -4.8048, 1.0998

Rectangle

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



216.5150, 2.2111, -9.2217



216.9220, 4.9685, -6.9476



219.1860, -2.0637, 8.6069



218.1920, -4.5317, 6.8476

Sweetspot

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



216.5150, 2.2111, -9.2217



253.5050, 0.7370, -3.0739



214.8050, -4.3409, -7.7220



127.1030, 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.



216.5150, 2.2111, -9.2217



249.0200, 2.9481, -12.2955



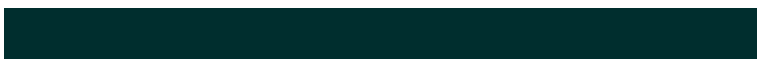
212.4060, 4.2368, -5.6181



106.7110, 1.6215, -6.7625



121.2730, 25.5014, -106.3564



32.2460, 6.7807, -28.2797

Inverse Universe

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



212.1950, 4.3409, 7.7220



243.2600, 5.7878, 10.2960



215.1810, -4.5262, 5.1033



103.5430, 3.1833, 5.6628



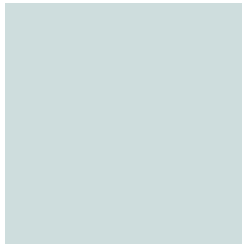
71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 216.5150, 2.2111, -9.2217 looks on a white background.

Color Contrast Check

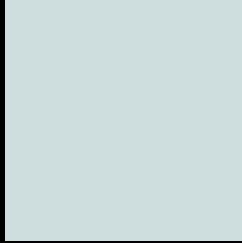
Large Text (above 18pt) WCAG AA × Fail

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 216.5150, 2.2111, -9.2217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

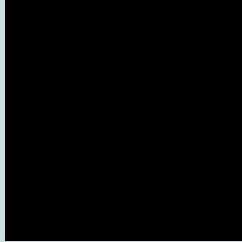
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

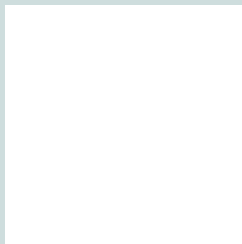
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.5150, 2.2111, -9.2217

Background



This preview shows how black text looks on a background with the YUV color 216.5150, 2.2111, -9.2217.



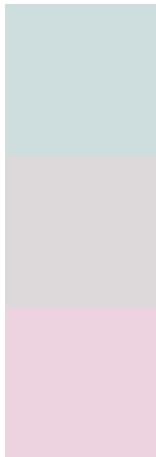
This preview shows how white text looks on a background with the YUV color 216.5150, 2.2111, -9.2217.

-9.2217.

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

216.5150, 2.2111, -9.2217

Protanopia

218.3100, -0.1528, 2.3591

Deuteranopia

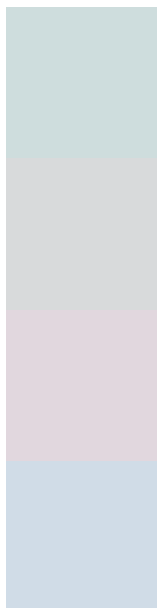
219.8430, 1.5564, 14.1697



Tritanopia

217.9480, 8.8996, -7.8474

Trichromacy



Original Color

216.5150, 2.2111, -9.2217

Protanomaly

217.5160, 0.7316, -1.3295

Deuteranomaly

218.7880, 1.5835, 5.4479

Tritanomaly

217.6660, 6.5737, -8.4771

Monochromacy



Original Color

216.5150, 2.2111, -9.2217

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.5050, 0.7370, -3.0739

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.5150, 2.2111, -9.2217 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(206, 221, 221)` looks like.

```
.text, #text, p{  
    color:rgb(206, 221, 221)  
}
```

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(206, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 221, 221) }
```

Border

The CSS property to change the border of an element to YUV 216.5150, 2.2111, -9.2217 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(206, 221, 221) }
```


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

```
.border{ border-color:rgb(206, 221, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(206, 221,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 216.5150, 2.2111, -9.2217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 221, 221) }
```

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

```
.background{ background-color: rgb(206,  
221, 221) }
```

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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