

Converting Colors

YUV(216.1230, -6.4696,
21.8171)

Have a look what the booklet for
YUV(216.1230, -6.4696, 21.8171)
contains.

YUV(216.1230, -6.4696, 21.8171)	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(216.1230, -6.4696,
21.8171)**

Conversions

Conversions Part 1

Format	Color
Hex	F1CECB
RGB	241, 206, 203
RGB Percent	95%, 81%, 80%
CMY	0.0549, 0.1922, 0.2039
CMYK	0.00, 0.15, 0.16, 0.05
HSL	5°, 58%, 87%
HSV	5°, 16%, 95%
XYZ	69.1264, 67.1552, 65.8188
YIQ	216.1230, 21.8230, 6.4870

Conversions

Conversions Part 2

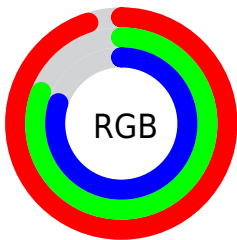
Format	Color
R _Y B	241, 206, 203
Decimal	15847115
CIE Lab	85.58, 11.79, 6.04
CIE LCh	86, 13.247, 27.103
Yxy	67.1552, 0.3420, 0.3323
Android (android.graphics.Color)	4294037195 (0xFFFF1CECB)
YUV	216.1230, -6.4696, 21.8171
Hunter-Lab	81.9483, 7.1620, 9.7435

Details

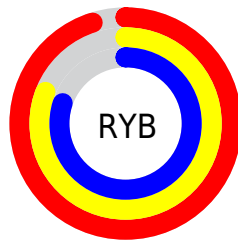
The YUV color $216.1230, -6.4696, 21.8171$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $227.8770, 6.4696, -21.8171$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.5250, -6.1748, 20.5876$ is the 20% darker color. If you saturate the color by 10%, you get $200.4730, -10.5862, 35.5422$, and if you desaturate by 10%, it is $231.7730, -2.3531, 8.0921$.

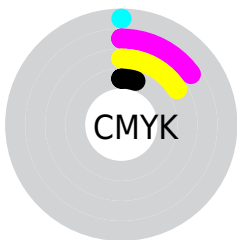
Distribution



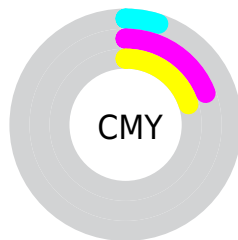
- Red (95%)
- Green (81%)
- Blue (80%)



- Red (95%)
- Yellow (81%)
- Blue (80%)



- Cyan (0%)
- Magenta (15%)
- Yellow (16%)
- Black (5%)



- Cyan (5%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.1230, -6.4696, 21.8171 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 216.1230, -6.4696, 21.8171 by changing the saturation by 10% instead.

■ 216.1230, -6.4696,
21.8171

■ 216.1230, -6.4696,
21.8171

255.0000, 0.0000,
0.0000

■ 187.9380, -5.8854,
21.1024

■ 161.5250, -6.1748,
20.5876

■ 134.9270, -5.8800,
19.3580

■ 109.6280, -5.7326,
18.7432

■ 85.1440, -5.0010,
17.4137

■ 61.8450, -4.8536,
16.7989

■ 39.3610, -4.1220,

15.4694

■ 17.9050, -5.8692,
15.8693

■ 0.0000, 0.0000,
0.0000

■ 216.1230, -6.4696,
21.8171

■ 216.1230, -6.4696,
21.8171

■ 200.4730,
-10.5862, 35.5422

■ 231.7730, -2.3531,
8.0921

■ 184.8230,
-14.7027, 49.2672

■ 247.4230, 1.7635,
-5.6330

■ 168.5860,
-18.5299, 63.5071

■ 250.8140, 2.0637,
-8.6069

■ 152.9360,
-22.6464, 77.2321

■ 137.1720,
-27.1998, 91.0572

■ 121.5220,
-31.3163, 104.7822

■ 105.8720,
-35.4329, 118.5073

■ 89.6350, -39.2601,
132.7471

■ 83.2120, -41.0235,
138.3801

Harmonies

Analogous

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



217.0070, -0.4965, 19.2879



216.1230, -6.4696, 21.8171



215.2490, -10.9688, 18.1986

Triad

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



216.1230, -6.4696, 21.8171



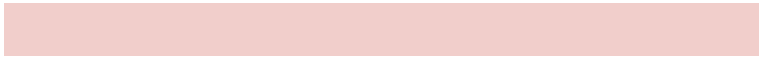
210.8430, -5.3456, -12.1403



212.9520, 12.8417, -12.2359

Complementary

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



216.1230, -6.4696, 21.8171



227.8770, 6.4696, -21.8171

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.



211.1420, 11.2690, -21.1725



216.1230, -6.4696, 21.8171



209.5090, 1.2281, -20.6174

Square

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



216.1230, -6.4696, 21.8171



212.6550, -10.1829, -0.5744



209.7950, 7.4961, -24.3762



215.0460, 10.3303, -0.0403

Rectangle

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



216.1230, -6.4696, 21.8171



214.2870, -11.9735, 13.7803



209.7950, 7.4961, -24.3762



212.8160, 12.4157, -15.6246

Sweetspot

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



216.1230, -6.4696, 21.8171



246.4740, -2.2057, 7.4773



218.3520, 9.6865, 19.8623



122.3920, -1.1793, 4.9182



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

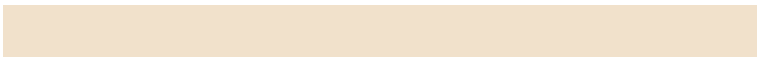
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.1230, -6.4696, 21.8171



223.1130, -7.9437, 27.9649



227.2760, -11.9681, 12.0359



112.1750, -2.0583, 6.8625



63.2340, -31.1744, 105.9118



19.0920, -9.4124, 32.3683

Inverse Universe

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



227.8770, 6.4696, -21.8171



238.3000, 8.2331, -27.4501



216.7240, 11.9681, -12.0359



115.8250, 2.0583, -6.8625



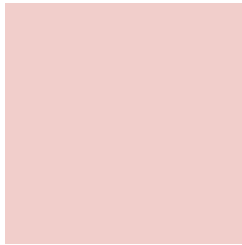
120.1790, 31.4638, -105.3970



36.9080, 9.4124, -32.3683

Previews

White Background



This preview shows how the YUV color 216.1230, -6.4696, 21.8171 looks on a white background.

Color Contrast Check

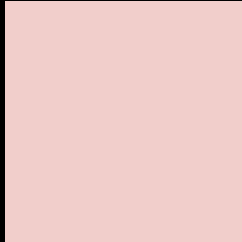
Large Text (above 18pt) WCAG AA × Fail

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 216.1230, -6.4696, 21.8171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

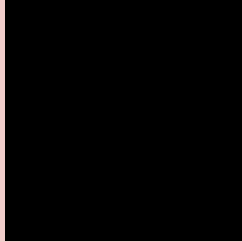
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

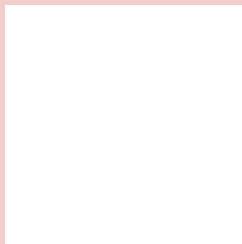
Any Text WCAG AAA ✓ Pass

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

YUV 216.1230, -6.4696, 21.8171 Background



This preview shows how black text looks on a background with the YUV color 216.1230, -6.4696, 21.8171.



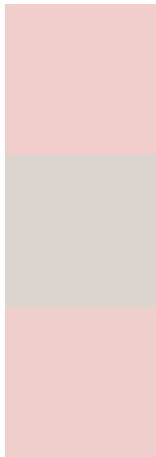
This preview shows how white text looks on a background with the YUV color 216.1230, -6.4696,

21.8171.

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

216.1230, -6.4696, 21.8171

Protanopia

214.4090, -3.6526, 4.9033

Deuteranopia

216.1120, -6.4642, 20.0728



Tritanopia

216.7840, 1.0925, 22.9914

Trichromacy



Original Color

216.1230, -6.4696, 21.8171

Protanomaly

214.9260, -4.4005, 11.4659

Deuteranomaly

216.4110, -6.6116, 20.6876

Tritanomaly

216.3880, -1.6703, 22.4617

Monochromacy



Original Color

216.1230, -6.4696, 21.8171

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.7730, -2.3531, 8.0921

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.1230, -6.4696, 21.8171 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(241, 206, 203)` looks like.

```
.text, #text, p{  
    color:rgb(241, 206, 203)  
}
```

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(241, 206, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 206, 203) }
```

Border

The CSS property to change the border of an element to YUV 216.1230, -6.4696, 21.8171 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(241, 206, 203) }
```


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

```
.border{ border-color:rgb(241, 206, 203) }
```

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

Here you see how a box with a 4 pixel rgb(241, 206, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 206, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 206, 203);  
box-shadow:4px 4px 4px 4px rgb(241, 206,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 216.1230, -6.4696, 21.8171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 206, 203) }
```

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

```
.background{ background-color: rgb(241,  
206, 203) }
```

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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