

Converting Colors

YUV(216.7180, -15.6370,
22.1723)

Have a look what the booklet for
YUV(216.7180, -15.6370, 22.1723)
contains.

YUV(216.7180, -15.6370, 22.1723)	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(216.7180, -15.6370,
22.1723)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D2B9
RGB	242, 210, 185
RGB Percent	95%, 82%, 73%
CMY	0.0510, 0.1765, 0.2745
CMYK	0.00, 0.13, 0.24, 0.05
HSL	26°, 69%, 84%
HSV	26°, 24%, 95%
XYZ	68.4215, 68.4732, 55.5094
YIQ	216.7180, 27.0970, -0.9910

Conversions

Conversions Part 2

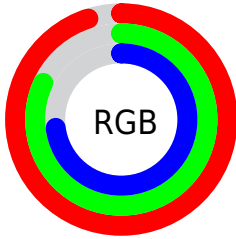
Format	Color
R _Y B	242, 230, 185
Decimal	15913657
CIE Lab	86.24, 7.41, 16.51
CIE LCh	86, 18.097, 65.818
Yxy	68.4732, 0.3556, 0.3559
Android (android.graphics.Color)	4294103737 (0xFFFF2D2B9)
YUV	216.7180, -15.6370, 22.1723
Hunter-Lab	82.7485, 2.7846, 18.1511

Details

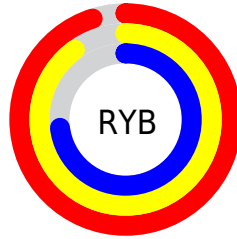
The YUV color $216.7180, -15.6370, 22.1723$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $210.2820, 15.6370, -22.1723$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.4040, -6.1152, 1.3997$, and $161.9350, -14.7580, 20.2280$ is the 20% darker color. If you saturate the color by 10%, you get $205.7640, -22.0687, 31.7790$, and if you desaturate by 10%, it is $227.6720, -9.2053, 12.5657$.

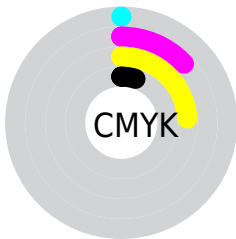
Distribution



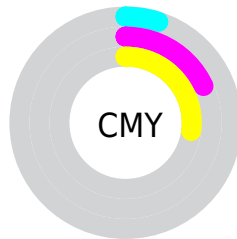
- Red (95%)
- Green (82%)
- Blue (73%)



- Red (95%)
- Yellow (90%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (24%)
- Black (5%)





- Cyan (5%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 216.7180, -15.6370, 22.1723 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 216.7180, -15.6370, 22.1723 by changing the saturation by 10% instead.


 216.7180,
-15.6370, 22.1723


 216.7180,
-15.6370, 22.1723


255.0000, 0.0000,
0.0000


 188.5330,
-15.0528, 21.4576


 253.4040, -6.1152,
1.3997

 161.9350,
-14.7580, 20.2280

 135.7500,
-14.1738, 19.5132

 109.5650,
-13.5895, 18.7985

 85.0810, -12.8579,
17.4690

 61.8960, -12.2737,
16.7542

 40.1130, -11.3947,

14.8099

■ 19.2700, -9.5001,
13.7952

■ 0.0000, 0.0000,
0.0000

■ 216.7180,
-15.6370, 22.1723

■ 216.7180,
-15.6370, 22.1723

■ 205.7640,
-22.0687, 31.7790

■ 227.6720, -9.2053,
12.5657

■ 195.3970,
-28.7897, 40.8708

■ 238.0390, -2.4842,
3.4738

■ 184.3290,
-35.6582, 50.5775

■ 248.7650, 3.0739,
-5.9329

■ 173.9620,
-42.3793, 59.6693

■ 251.1130, 1.9163,
-7.9921

■ 163.0080,
-48.8109, 69.2760

■ 152.0540,
-55.2426, 78.8826

■ 141.6870,
-61.9637, 87.9745

■ 134.5800,
-66.3479, 94.2073

Harmonies

Analogous

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



218.3150, -11.0013, 28.6647



216.7180, -15.6370, 22.1723



215.1140, -16.3252, 9.5470

Triad

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



216.7180, -15.6370, 22.1723



209.6540, 4.6076, -31.2686



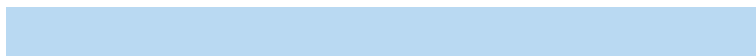
217.7630, 12.9348, 4.5928

Complementary

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



216.7180, -15.6370, 22.1723



210.2820, 15.6370, -22.1723

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.



215.3910, 17.0622, -12.6209



216.7180, -15.6370, 22.1723



210.2930, 12.1806, -33.5830

Square

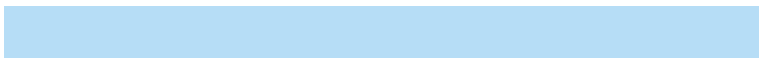
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.7180, -15.6370, 22.1723



211.2010, -5.0291, -20.3473



212.1890, 16.6688, -26.4758



219.2010, 5.3239, 19.1177

Rectangle

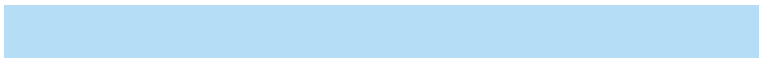
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.7180, -15.6370, 22.1723



213.3300, -13.9667, -0.2894



212.1890, 16.6688, -26.4758



217.1860, 14.6983, -1.0401

Sweetspot

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



216.7180, -15.6370, 22.1723



247.0780, -4.9685, 6.9476



205.6910, 5.5753, 31.8430



123.2240, -3.0684, 4.1886



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.



216.7180, -15.6370, 22.1723



223.4260, -19.4370, 27.6904



233.1540, -23.7399, 7.7579



114.5230, -3.2158, 4.8033



102.5630, -50.5636, 71.4202



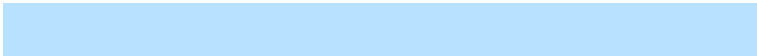
31.4190, -15.4896, 21.5575

Inverse Universe

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



210.2820, 15.6370, -22.1723



215.5740, 19.4370, -27.6904



193.8460, 23.7399, -7.7579



113.4770, 3.2158, -4.8033



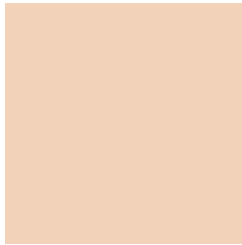
81.4370, 50.5636, -71.4202



24.5810, 15.4896, -21.5575

Previews

White Background



This preview shows how the YUV color 216.7180, -15.6370, 22.1723 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 216.7180, -15.6370, 22.1723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

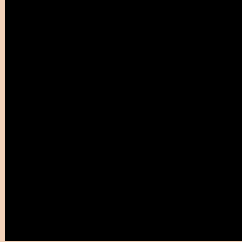
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.7180, -15.6370, 22.1723

Background



This preview shows how black text looks on a background with the YUV color 216.7180, -15.6370, 22.1723.



This preview shows how white text looks on a background with the YUV color 216.7180, -15.6370, 22.1723.

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

216.7180, -15.6370, 22.1723

Protanopia

215.2110, -13.4150, 9.4620

Deuteranopia

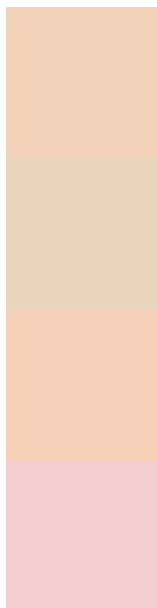
217.3380, -15.9426, 26.8906



Tritanopia

219.0830, 0.9451, 23.6062

Trichromacy



Original Color

216.7180, -15.6370, 22.1723

Protanomaly

215.7170, -14.1575, 14.2802

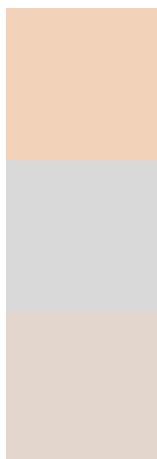
Deuteranomaly

217.3270, -15.9372, 25.1462

Tritanomaly

218.4760, -5.1647, 23.2615

Monochromacy



Original Color

216.7180, -15.6370, 22.1723

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.5620, -5.7001, 8.2771

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.7180, -15.6370, 22.1723 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(242, 210, 185)` looks like.

```
.text, #text, p{  
    color:rgb(242, 210, 185)  
}
```

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(242, 210, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 210, 185) }
```

Border

The CSS property to change the border of an element to YUV 216.7180, -15.6370, 22.1723 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(242, 210, 185) }
```


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

```
.border{ border-color:rgb(242, 210, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 210, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 210, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 210, 185);  
box-shadow:4px 4px 4px 4px rgb(242, 210,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 216.7180, -15.6370, 22.1723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 210, 185) }
```

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

```
.background{ background-color: rgb(242,  
210, 185) }
```

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