

Converting Colors

YUV(231.6060, -5.7218,
15.2545)

Have a look what the booklet for
YUV(231.6060, -5.7218, 15.2545)
contains.

YUV(231.6060, -5.7218, 15.2545)	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(231.6060, -5.7218,
15.2545)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E1DC
RGB	249, 225, 220
RGB Percent	98%, 88%, 86%
CMY	0.0235, 0.1176, 0.1373
CMYK	0.00, 0.10, 0.12, 0.02
HSL	10°, 71%, 92%
HSV	10°, 12%, 98%
XYZ	78.9104, 79.1575, 78.8300
YIQ	231.6060, 15.9090, 3.5330

Conversions

Conversions Part 2

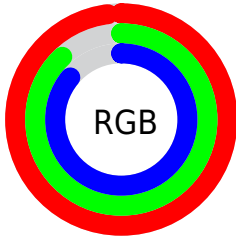
Format	Color
R_{YB}	249, 226, 220
Decimal	16376284
CIE Lab	91.31, 7.41, 5.42
CIE LCh	91, 9.181, 36.203
Yxy	79.1575, 0.3331, 0.3341
Android (android.graphics.Color)	4294566364 (0xFFF9E1DC)
YUV	231.6060, -5.7218, 15.2545
Hunter-Lab	88.9705, 2.6183, 9.7469

Details

The YUV color $231.6060, -5.7218, 15.2545$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $237.3940, 5.7218, -15.2545$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $176.0080, -5.4269, 14.0250$ is the 20% darker color. If you saturate the color by 10%, you get $216.4290, -10.5645, 28.5648$, and if you desaturate by 10%, it is $246.7830, -0.8790, 1.9443$.

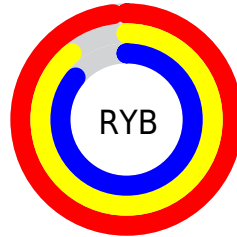
Distribution



Red (98%)

Green (88%)

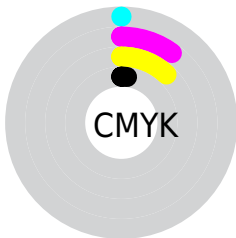
Blue (86%)



Red (98%)

Yellow (89%)

Blue (86%)

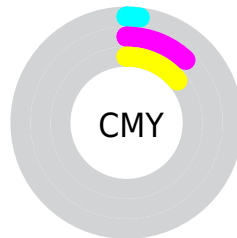


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (2%)



Cyan (2%)

Magenta (12%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.6060, -5.7218, 15.2545 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 231.6060, -5.7218, 15.2545 by changing the saturation by 10% instead.


 231.6060, -5.7218,
15.2545


 231.6060, -5.7218,
15.2545

255.0000, 0.0000,
0.0000


 203.3070, -5.5744,
14.6398

 176.0080, -5.4269,
14.0250

 149.1220, -4.9901,
13.9250

 123.7090, -5.2795,
13.4102

 98.5240, -4.6953,
12.6955

 74.2250, -4.5479,
12.0807

 51.9260, -4.4005,

11.4659

■ 30.4420, -3.6689,
10.1364

■ 6.5780, -3.2430,
13.5251

■ 231.6060, -5.7218,
15.2545

■ 231.6060, -5.7218,
15.2545

■ 216.4290,
-10.5645, 28.5648

■ 246.7830, -0.8790,
1.9443

■ 201.8390,
-15.6966, 41.3602

■ 253.2060, 0.8844,
-3.6887

■ 186.6620,
-20.5394, 54.6704

■ 172.0720,
-25.6715, 67.4659

■ 157.0090,
-30.0774, 80.6761

■ 141.8320,
-34.9202, 93.9863

■ 127.2420,
-40.0523, 106.7818

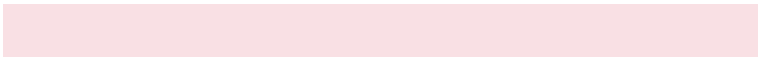
■ 112.0650,
-44.8950, 120.0920

■ 99.6920, -49.1482,
130.9431

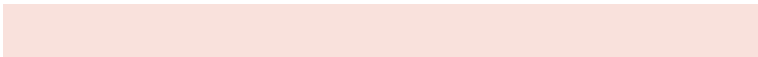
Harmonies

Analogous

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



231.9310, -1.9380, 14.9695



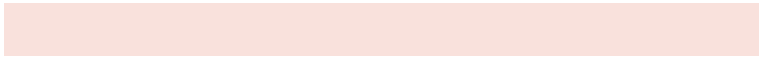
231.6060, -5.7218, 15.2545



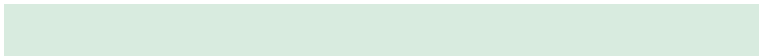
230.6010, -8.1843, 11.7509

Triad

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



231.6060, -5.7218, 15.2545



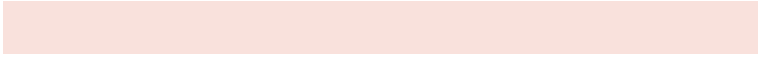
227.9510, -2.4408, -10.4810



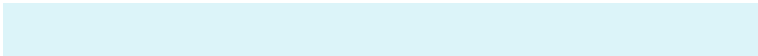
229.8450, 8.4574, -6.0031

Complementary

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



231.6060, -5.7218, 15.2545



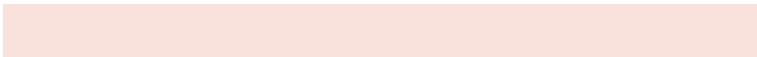
237.3940, 5.7218, -15.2545

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.



228.8010, 8.4791, -12.9805



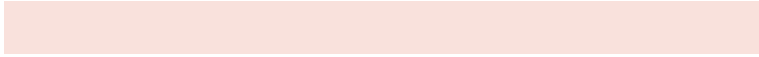
231.6060, -5.7218, 15.2545



227.1830, 2.3748, -15.0695

Square

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



231.6060, -5.7218, 15.2545



228.6700, -6.2463, -3.2186



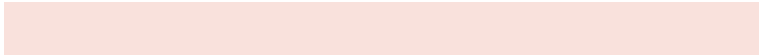
227.7960, 6.0166, -16.4841



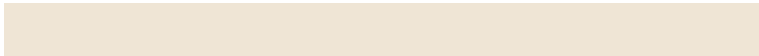
231.0310, 6.3937, 2.6038

Rectangle

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



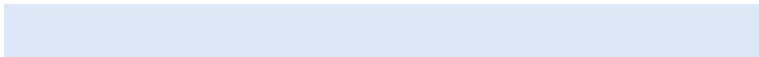
231.6060, -5.7218, 15.2545



230.1660, -8.4628, 7.7474



227.7960, 6.0166, -16.4841



229.5350, 8.6102, -8.3622

Sweetspot

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



231.6060, -5.7218, 15.2545



250.5660, -1.7580, 3.8886



231.4070, 6.2083, 15.4291



124.3810, -1.1738, 3.1739



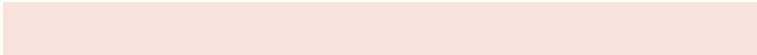
0.0000, 0.0000, 0.0000



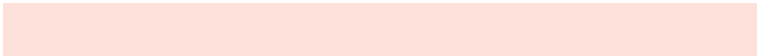
128.0000, 0.0000, 0.0000

Same Dimension

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



231.6060, -5.7218, 15.2545



233.2860, -7.0430, 19.0432



239.8240, -9.7732, 8.0474



117.6480, -2.7845, 6.4477



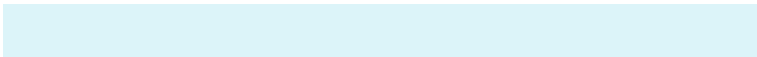
75.8820, -37.4098, 99.2045



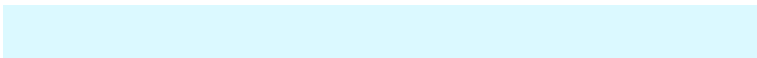
24.6960, -12.1751, 31.8386

Inverse Universe

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



237.3940, 5.7218, -15.2545



240.7140, 7.0430, -19.0432



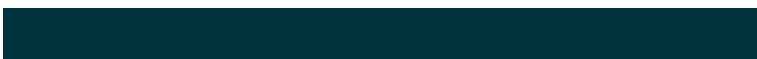
229.1760, 9.7732, -8.0474



119.9390, 2.4951, -6.9625



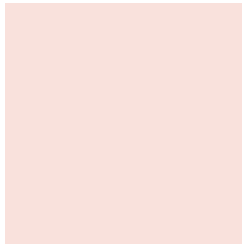
113.1180, 37.4098, -99.2045



36.8910, 11.8857, -32.3534

Previews

White Background



This preview shows how the YUV color 231.6060, -5.7218, 15.2545 looks on a white background.

Color Contrast Check

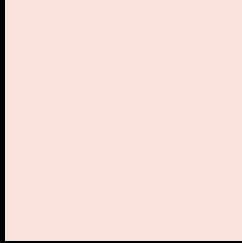
Large Text (above 18pt) WCAG AA × Fail

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 231.6060, -5.7218, 15.2545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

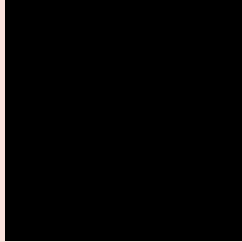
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 231.6060, -5.7218, 15.2545

Background



This preview shows how black text looks on a background with the YUV color 231.6060, -5.7218, 15.2545.

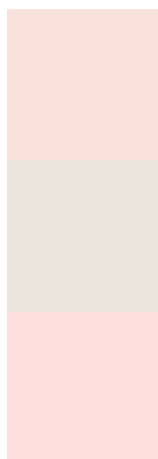


This preview shows how white text looks on a background with the YUV color 231.6060, -5.7218,

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

231.6060, -5.7218, 15.2545

Protanopia

230.2950, -4.0894, 5.0033

Deuteranopia

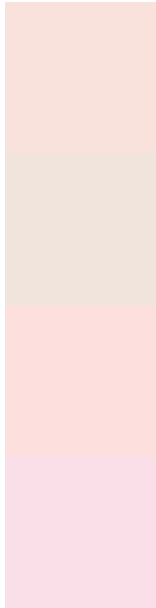
232.3400, -5.5906, 19.8728



Tritanopia

232.9080, 3.0034, 16.7437

Trichromacy



Original Color

231.6060, -5.7218, 15.2545

Protanomaly

231.0890, -4.9739, 8.6919

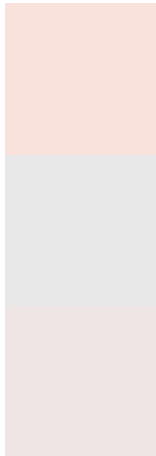
Deuteranomaly

232.3290, -5.5852, 18.1285

Tritanomaly

232.3980, -0.1962, 16.3140

Monochromacy



Original Color

231.6060, -5.7218, 15.2545

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

231.5770, -1.7635, 5.6330

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.6060, -5.7218, 15.2545 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(249, 225, 220)` looks like.

```
.text, #text, p{  
    color:rgb(249, 225, 220)  
}
```

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(249, 225, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 225, 220) }
```

Border

The CSS property to change the border of an element to YUV 231.6060, -5.7218, 15.2545 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(249, 225, 220) }
```


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

```
.border{ border-color:rgb(249, 225, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 225, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 225, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 225, 220);  
box-shadow:4px 4px 4px 4px rgb(249, 225,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 231.6060, -5.7218, 15.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 225, 220) }
```

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

```
.background{ background-color: rgb(249,  
225, 220) }
```

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