

Converting Colors

YUV(226.6230, -24.9571,
24.8866)

Have a look what the booklet for
YUV(226.6230, -24.9571, 24.8866)
contains.

YUV(226.6230, -24.9571, 24.8866)	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(226.6230, -24.9571,
24.8866)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEB0
RGB	255, 222, 176
RGB Percent	100%, 87%, 69%
CMY	0.0000, 0.1294, 0.3098
CMYK	0.00, 0.13, 0.31, 0.00
HSL	35°, 100%, 85%
HSV	35°, 31%, 100%
XYZ	75.1977, 76.6371, 51.9034
YIQ	226.6230, 34.4340, -7.3100

Conversions

Conversions Part 2

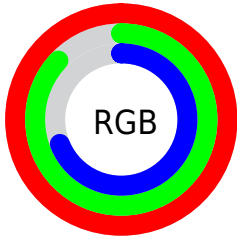
Format	Color
R _Y B	233, 255, 176
Decimal	16768688
CIE Lab	90.15, 4.88, 26.79
CIE LCh	90, 27.232, 79.673
Yxy	76.6371, 0.3691, 0.3762
Android (android.graphics.Color)	4294958768 (0xFFFFDEB0)
YUV	226.6230, -24.9571, 24.8866
Hunter-Lab	87.5426, 0.1291, 26.1272

Details

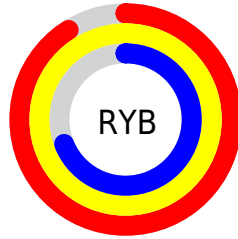
The YUV color $226.6230, -24.9571, 24.8866$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $204.3770, 24.9571, -24.8866$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3780, -10.0464, 2.2995$, and $170.9540, -23.6413, 22.8423$ is the 20% darker color. If you saturate the color by 10%, you get $217.2020, -33.1306, 33.1488$, and if you desaturate by 10%, it is $236.0440, -16.7837, 16.6244$.

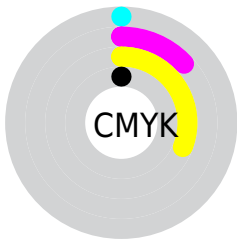
Distribution



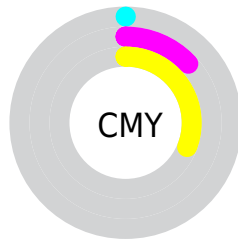
- Red (100%)
- Green (87%)
- Blue (69%)



- Red (91%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.6230, -24.9571, 24.8866 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 226.6230, -24.9571, 24.8866 by changing the saturation by 10% instead.

226.6230,
-24.9571, 24.8866

226.6230,
-24.9571, 24.8866

255.0000, 0.0000,
0.0000

198.4380,
-24.3729, 24.1719

252.3780,
-10.0464, 2.2995

170.9540,
-23.6413, 22.8423

144.4700,
-22.9097, 21.5128

118.3990,
-21.8887, 20.6981

93.9150, -21.1571,
19.3685

69.4310, -20.4255,
18.0390

46.4200, -20.4201,

16.2947

■ 26.9340, -13.2785,
12.3359

■ 3.8870, -1.9163,
7.9921

■ 226.6230,
-24.9571, 24.8866

■ 226.6230,
-24.9571, 24.8866

■ 217.2020,
-33.1306, 33.1488

■ 236.0440,
-16.7837, 16.6244

■ 208.4820,
-41.1566, 40.7963

■ 244.7640, -8.7577,
8.9770

■ 199.0610,
-49.3301, 49.0585

■ 254.1850, -0.5842,
0.7148

■ 189.7540,
-57.0667, 57.2207

■ 255.0000, 0.0000,
0.0000

■ 181.0340,
-65.0928, 64.8682

■ 171.6130,
-73.2662, 73.1304

■ 163.1210,
-80.4187, 80.5779

Harmonies

Analogous

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



223.2950, -17.4004, 27.8053



226.6230, -24.9571, 24.8866



224.0610, -22.7081, 3.4545

Triad

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



226.6230, -24.9571, 24.8866



216.1010, 13.2612, -53.5856



230.6230, 12.0179, 18.7476

Complementary

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



226.6230, -24.9571, 24.8866



204.3770, 24.9571, -24.8866

Split Complementary

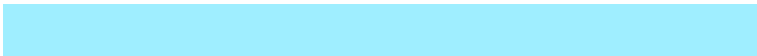
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.4520, 14.5672, -5.6584



226.6230, -24.9571, 24.8866



216.3170, 19.0707, -50.2670

Square

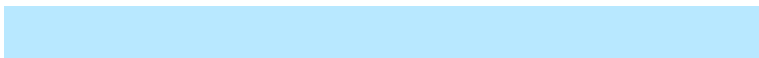
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.6230, -24.9571, 24.8866



217.3340, -0.1647, -40.6349



220.2700, 17.1219, -31.8088



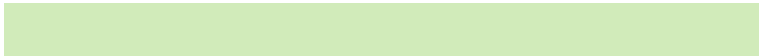
225.9460, 5.4496, 25.4804

Rectangle

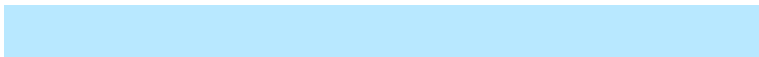
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.6230, -24.9571, 24.8866



221.6400, -17.5705, -11.0853



220.2700, 17.1219, -31.8088



228.8070, 12.9131, 11.5703

Sweetspot

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



226.6230, -24.9571, 24.8866



246.5080, -7.1524, 7.4475



203.4970, 3.2060, 45.1681



122.7680, -4.8156, 4.5885



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.



226.6230, -24.9571, 24.8866



221.3910, -29.7728, 29.4751



244.4990, -33.7700, 4.8244



122.9960, -3.9420, 4.3885



122.2660, -60.2771, 60.2797



40.8550, -20.1415, 20.2982

Inverse Universe

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



204.3770, 24.9571, -24.8866



194.6090, 29.7728, -29.4751



186.5010, 33.7700, -4.8244



119.4170, 4.2314, -3.8737



68.7340, 60.2771, -60.2797



23.1450, 20.1415, -20.2982

Previews

White Background



This preview shows how the YUV color 226.6230, -24.9571, 24.8866 looks on a white background.

Color Contrast Check

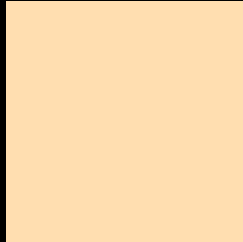
Large Text (above 18pt) WCAG AA × Fail

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 226.6230, -24.9571, 24.8866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

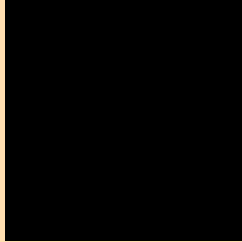
Any Text WCAG AA ✓ Pass

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 226.6230, -24.9571, 24.8866 Background



This preview shows how black text looks on a background with the YUV color 226.6230, -24.9571, 24.8866.



This preview shows how white text looks on a background with the YUV color 226.6230, -24.9571,

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

226.6230, -24.9571, 24.8866

Protanopia

225.8990, -23.6142, 14.1206

Deuteranopia

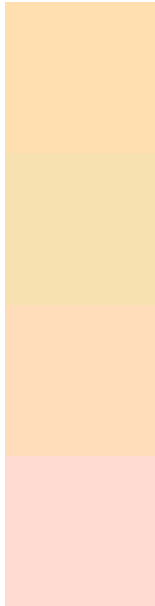
227.9740, -17.2422, 23.7018



Tritanopia

229.8440, 0.0769, 22.0618

Trichromacy



Original Color

226.6230, -24.9571, 24.8866

Protanomaly

226.1060, -24.2093, 18.3240

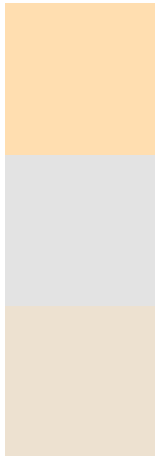
Deuteranomaly

227.2900, -19.8630, 24.3017

Tritanomaly

228.7380, -9.2378, 23.0318

Monochromacy



Original Color

226.6230, -24.9571, 24.8866

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.6500, -9.1944, 9.0770

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.6230, -24.9571, 24.8866 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(255, 222, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 176)  
}
```

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(255, 222, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 176) }
```

Border

The CSS property to change the border of an element to YUV 226.6230, -24.9571, 24.8866 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

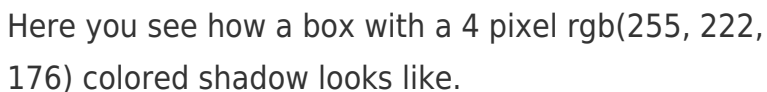
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 222, 176) }
```


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

```
.border{ border-color:rgb(255, 222, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 222, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 222, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 222, 176); box-shadow:4px 4px 4px 4px rgb(255, 222, 176) }
```

Background

The CSS property to change the background color of an element to YUV 226.6230, -24.9571, 24.8866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 176) }
```

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

```
.background{ background-color: rgb(255,  
222, 176) }
```

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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