

Converting Colors

YUV(222.9990, -28.5935,
24.5569)

Have a look what the booklet for
YUV(222.9990, -28.5935, 24.5569)
contains.

YUV(222.9990, -28.5935, 24.5569)	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(222.9990, -28.5935,
24.5569)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>FBDC A5</code>
RGB	<code>251, 220, 165</code>
RGB Percent	<code>98%, 86%, 65%</code>
CMY	<code>0.0157, 0.1373, 0.3529</code>
CMYK	<code>0.00, 0.12, 0.34, 0.02</code>
HSL	<code>38°, 91%, 82%</code>
HSV	<code>38°, 34%, 98%</code>
XYZ	<code>72.1684, 74.4122, 46.1566</code>
YIQ	<code>222.9990, 36.1310, -10.5330</code>

Conversions

Conversions Part 2

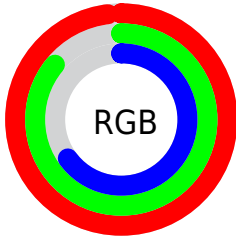
Format	Color
R _Y B	213, 251, 165
Decimal	16506021
CIE Lab	89.12, 3.06, 31.00
CIE LCh	89, 31.146, 84.365
Yxy	74.4122, 0.3744, 0.3861
Android (android.graphics.Color)	4294696101 (0xFFFBDC A5)
YUV	222.9990, -28.5935, 24.5569
Hunter-Lab	86.2625, -1.6239, 28.6594

Details

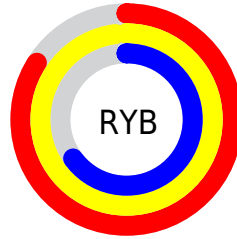
The YUV color $222.9990, -28.5935, 24.5569$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $193.0010, 28.5935, -24.5569$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.0100, -15.2879, 3.4992$, and $167.4440, -26.8409, 22.4126$ is the 20% darker color. If you saturate the color by 10%, you get $214.8660, -36.9089, 31.6895$, and if you desaturate by 10%, it is $231.1320, -20.2781, 17.4242$.

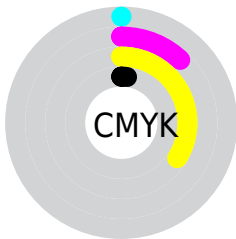
Distribution



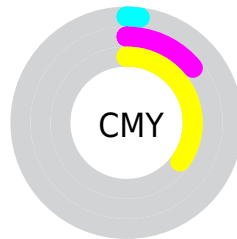
- Red (98%)
- Green (86%)
- Blue (65%)



- Red (84%)
- Yellow (98%)
- Blue (65%)



- Cyan (0%)
- Magenta (12%)
- Yellow (34%)
- Black (2%)



- Cyan (2%)
- Magenta (14%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.9990, -28.5935, 24.5569 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 222.9990, -28.5935, 24.5569 by changing the saturation by 10% instead.

222.9990,
-28.5935, 24.5569

222.9990,
-28.5935, 24.5569

255.0000, 0.0000,
0.0000

194.8140,
-28.0093, 23.8421

251.0100,
-15.2879, 3.4992

167.4440,
-26.8409, 22.4126

254.3160, -2.6208,
0.5999

140.9600,
-26.1093, 21.0831

114.8890,
-25.0883, 20.2683

90.4050, -24.3567,
18.9388

66.5080, -23.9144,
17.0945

44.0670, -21.7250,

14.8502

■ 25.1510, -12.3994,
10.3916

■ 0.0000, 0.0000,
0.0000

■ 222.9990,
-28.5935, 24.5569

■ 222.9990,
-28.5935, 24.5569

■ 214.8660,
-36.9089, 31.6895

■ 231.1320,
-20.2781, 17.4242

■ 206.7330,
-45.2244, 38.8222

■ 239.2650,
-11.9626, 10.2916

■ 198.6000,
-53.5398, 45.9548

■ 247.3980, -3.6472,
3.1590

■ 190.4670,
-61.8552, 53.0874

■ 253.8040, 0.5896,
-2.4591

■ 182.3340,
-70.1707, 60.2201

■ 174.0870,
-78.9229, 67.4527

■ 169.5560,
-83.5911, 71.4264

Harmonies

Analogous

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



219.6930, -21.0476, 30.9642



222.9990, -28.5935, 24.5569



219.4690, -24.8812, 0.4657

Triad

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



222.9990, -28.5935, 24.5569



209.7020, 18.3879, -64.6367



227.4110, 13.6014, 24.1956

Complementary

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



222.9990, -28.5935, 24.5569



193.0010, 28.5935, -24.5569

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.



223.1150, 15.7193, -1.8549



222.9990, -28.5935, 24.5569



211.2560, 21.5658, -57.2295

Square

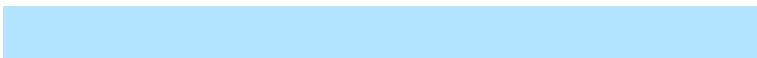
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.9990, -28.5935, 24.5569



211.6640, 2.6306, -50.5713



216.4270, 19.0165, -32.8235



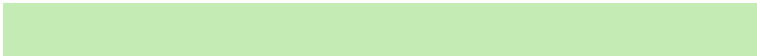
221.7400, 4.5652, 29.1690

Rectangle

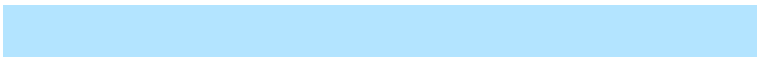
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.9990, -28.5935, 24.5569



217.4820, -17.9856, -17.9627



216.4270, 19.0165, -32.8235



226.4810, 14.0599, 17.1182

Sweetspot

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



222.9990, -28.5935, 24.5569



246.8670, -8.3154, 7.1326



194.3620, 1.3005, 49.6715



122.6540, -5.2524, 4.6884



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

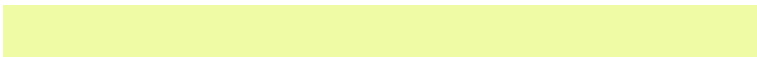
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.9990, -28.5935, 24.5569



220.7240, -34.8669, 30.0601



237.9070, -35.9432, 1.8356



120.5830, -4.2314, 3.8737



127.5380, -62.8762, 53.9022



41.1320, -20.2781, 17.4242

Inverse Universe

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



193.0010, 28.5935, -24.5569



184.2760, 34.8669, -30.0601



178.0930, 35.9432, -1.8356



116.4170, 4.2314, -3.8737



61.4620, 62.8762, -53.9022



19.8680, 20.2781, -17.4242

Previews

White Background



This preview shows how the YUV color 222.9990, -28.5935, 24.5569 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 222.9990, -28.5935, 24.5569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

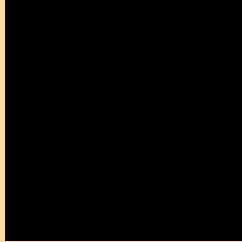
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 222.9990, -28.5935, 24.5569

Background



This preview shows how black text looks on a background with the YUV color 222.9990, -28.5935, 24.5569.



This preview shows how white text looks on a background with the YUV color 222.9990, -28.5935, 24.5569.

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

222.9990, -28.5935, 24.5569

Protanopia

222.2860, -27.2560, 15.5352

Deuteranopia

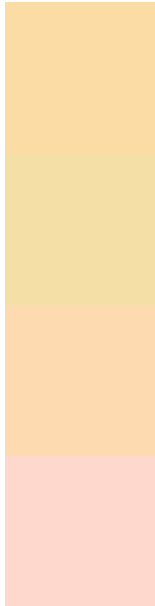
224.4860, -20.4526, 26.7608



Tritanopia

227.2680, 0.3609, 24.3210

Trichromacy



Original Color

222.9990, -28.5935, 24.5569

Protanomaly

222.7810, -27.9930, 18.6091

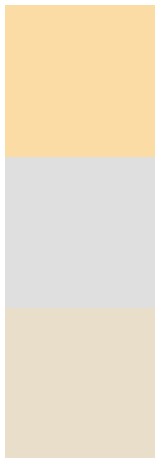
Deuteranomaly

223.9760, -23.6522, 26.3310

Tritanomaly

226.1080, -10.4062, 24.4613

Monochromacy



Original Color

222.9990, -28.5935, 24.5569

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

223.0090, -10.3574, 8.7621

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.9990, -28.5935, 24.5569 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(251, 220, 165)` looks like.

```
.text, #text, p{  
  color:rgb(251, 220, 165)  
}
```

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(251, 220, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 220, 165) }
```

Border

The CSS property to change the border of an element to YUV 222.9990, -28.5935, 24.5569 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(251, 220, 165) }
```


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

```
.border{ border-color:rgb(251, 220, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 220, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 220, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 220, 165);  
box-shadow:4px 4px 4px 4px rgb(251, 220,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 222.9990, -28.5935, 24.5569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 220, 165) }
```

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

```
.background{ background-color: rgb(251,  
220, 165) }
```

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