

Converting Colors

YUV(247.2200, -27.2235,
5.0691)

Have a look what the booklet for
YUV(247.2200, -27.2235, 5.0691)
contains.

YUV(247.2200, -27.2235, 5.0691)	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(247.2200, -27.2235,
5.0691)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>FDFFC0</code>
RGB	253, 255, 192
RGB Percent	99%, 100%, 75%
CMY	0.0078, 0.0000, 0.2471
CMYK	0.01, 0.00, 0.25, 0.00
HSL	62°, 100%, 88%
HSV	62°, 25%, 100%
XYZ	85.7824, 96.2084, 63.9180
YIQ	247.2200, 19.0310, -20.0170

Conversions

Conversions Part 2

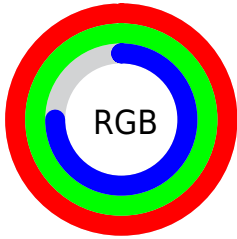
Format	Color
RYB	192, 255, 194
Decimal	16646080
CIELab	98.51, -10.40, 29.98
CIElCh	99, 31.731, 109.139
Yxy	96.2084, 0.3488, 0.3912
Android (android.graphics.Color)	4294836160 (0xFFFDFFC0)
YUV	247.2200, -27.2235, 5.0691
Hunter-Lab	98.0859, -15.5405, 30.0236

Details

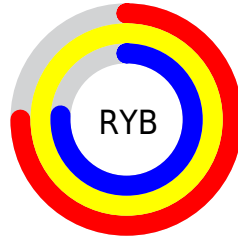
The YUV color $247.2200, -27.2235, 5.0691$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $199.7800, 27.2235, -5.0691$, and the grayscale version is $247.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.3160, -2.6208, 0.5999$, and $190.5620, -25.9131, 4.7691$ is the 20% darker color. If you saturate the color by 10%, you get $244.0710, -37.9960, 6.9537$, and if you desaturate by 10%, it is $250.4830, -16.0141, 3.0844$.

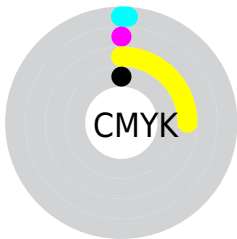
Distribution



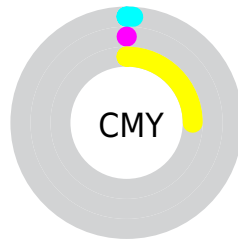
- Red (99%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 247.2200, -27.2235, 5.0691 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 247.2200, -27.2235, 5.0691 by changing the saturation by 10% instead.


 247.2200,
-27.2235, 5.0691

 247.2200,
-27.2235, 5.0691


255.0000, 0.0000,
0.0000


 218.4480,
-26.3499, 4.8691


 254.3160, -2.6208,
0.5999

 190.5620,
-25.9131, 4.7691

 163.3770,
-25.3289, 4.0544

 137.1920,
-24.7447, 3.3396

 111.4200,
-23.8711, 3.1397

 86.6480, -22.9975,
2.9397

 63.0500, -22.7026,

1.7102

■ 41.0330, -20.2293,
1.7251

■ 22.1170, -10.9037,
-2.7336

■ 247.2200,
-27.2235, 5.0691

■ 247.2200,
-27.2235, 5.0691

■ 244.0710,
-37.9960, 6.9537

■ 250.4830,
-16.0141, 3.0844

■ 240.8080,
-49.2053, 8.9384

■ 253.6320, -5.2416,
1.1997

■ 237.9580,
-60.1253, 11.4378

255.0000, 0.0000,
0.0000

■ 234.6950,
-71.3346, 13.4225

■ 231.5460,
-82.1072, 15.3072

■ 228.2830,
-93.3165, 17.2918

■ 225.1340,
-104.0891, 19.1765

■ 223.5380,
-110.2042, 20.5762

Harmonies

Analogous

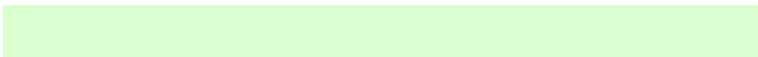
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.7200, -25.4980, 11.6466



247.2200, -27.2235, 5.0691



238.6930, -14.6386, -18.1478

Triad

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



247.2200, -27.2235, 5.0691



228.9870, 12.8244, -53.4856



240.3250, 7.2348, 12.8700

Complementary

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



247.2200, -27.2235, 5.0691



199.7800, 27.2235, -5.0691

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.



243.8470, 5.4984, 9.7812



247.2200, -27.2235, 5.0691



237.9570, 8.4022, -35.0423

Square

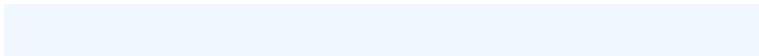
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



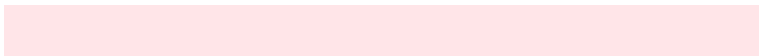
247.2200, -27.2235, 5.0691



227.4920, 13.5614, -56.5595



246.1180, 4.3788, -4.4885



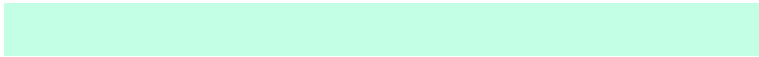
237.1160, -2.5222, 15.6843

Rectangle

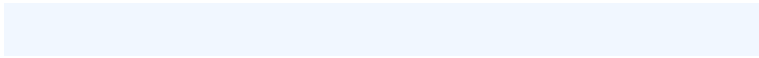
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247.2200, -27.2235, 5.0691



233.9820, -2.9491, -34.1872



246.1180, 4.3788, -4.4885



240.9120, 6.9454, 12.3552

Sweetspot

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



247.2200, -27.2235, 5.0691



252.6490, -7.7150, 1.1848



211.4240, -9.5760, 38.2162



126.4470, -4.6574, 0.4850



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

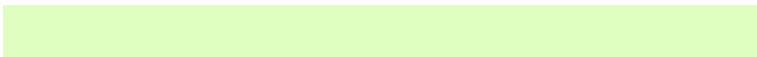
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.2200, -27.2235, 5.0691



245.7380, -32.9018, 6.3688



237.9510, -22.6538, -13.9890



126.2190, -5.5310, 0.6849



167.4320, -82.5440, 15.4071



56.1060, -27.6603, 5.1690

Inverse Universe

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



199.7800, 27.2235, -5.0691



188.2620, 32.9018, -6.3688



209.0490, 22.6538, 13.9890



116.4820, 5.6784, -1.2997



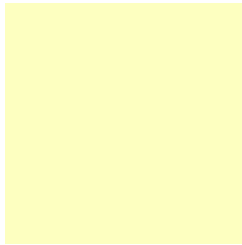
23.5680, 82.5440, -15.4071



7.8940, 27.6603, -5.1690

Previews

White Background



This preview shows how the YUV color 247.2200, -27.2235, 5.0691 looks on a white background.

Color Contrast Check

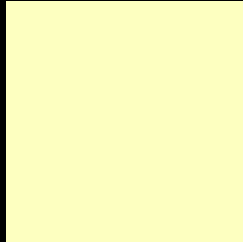
Large Text (above 18pt) WCAG AA × Fail

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 247.2200, -27.2235, 5.0691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

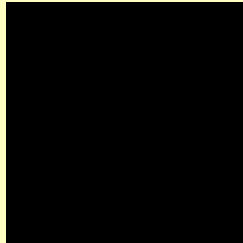
Any Text WCAG AA ✓ Pass

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 247.2200, -27.2235, 5.0691 Background



This preview shows how black text looks on a background with the YUV color 247.2200, -27.2235, 5.0691.



This preview shows how white text looks on a background with the YUV color 247.2200, -27.2235, 5.0691.

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

247.2200, -27.2235, 5.0691



Protanopia

250.7140, -6.2680, 3.7588

Deuteranopia

251.0390, -2.4842, 3.4738

Tritanopia

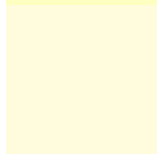
251.1790, 1.8838, 2.4740

Trichromacy



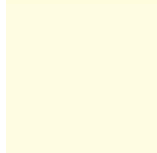
Original Color

247.2200, -27.2235, 5.0691



Protanomaly

249.0640, -13.8356, 4.3289



Deuteranomaly

249.6340, -11.6516, 3.8290



Tritanomaly

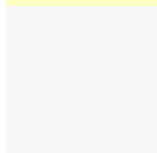
249.7310, -8.7414, 3.7439

Monochromacy



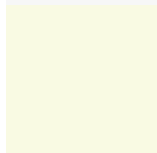
Original Color

247.2200, -27.2235, 5.0691



Achromatopsia

247.0000, 0.0000, 0.0000



Achromatomaly

247.0790, -9.8989, 1.6847

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.2200, -27.2235, 5.0691 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(253, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 192)  
}
```

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(253, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 192) }
```

Border

The CSS property to change the border of an element to YUV 247.2200, -27.2235, 5.0691 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(253, 255, 192) }
```


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

```
.border{ border-color:rgb(253, 255, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 247.2200, -27.2235, 5.0691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 192) }
```

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

```
.background{ background-color: rgb(253,  
255, 192) }
```

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