

Converting Colors

YUV(233.7300, -20.5729,
18.6538)

Have a look what the booklet for
YUV(233.7300, -20.5729, 18.6538)
contains.

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Color

**YUV(233.7300, -20.5729,
18.6538)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7C0
RGB	255, 231, 192
RGB Percent	100%, 91%, 75%
CMY	0.0000, 0.0941, 0.2471
CMYK	0.00, 0.09, 0.25, 0.00
HSL	37°, 100%, 88%
HSV	37°, 25%, 100%
XYZ	79.3303, 82.2176, 61.5576
YIQ	233.7300, 26.8230, -7.0410

Conversions

Conversions Part 2

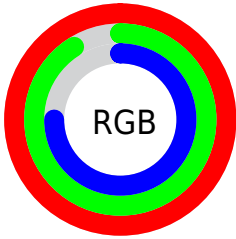
Format	Color
R_{YB}	231, 255, 192
Decimal	16771008
CIE _{Lab}	92.67, 2.36, 21.99
CIE _{LCh}	93, 22.114, 83.885
Yxy	82.2176, 0.3556, 0.3685
Android (android.graphics.Color)	4294961088 (0xFFFFE7C0)
YUV	233.7300, -20.5729, 18.6538
Hunter-Lab	90.6739, -2.5102, 23.2204

Details

The YUV color $233.7300, -20.5729, 18.6538$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $213.2700, 20.5729, -18.6538$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.3160, -2.6208, 0.5999$, and $178.2460, -19.8413, 17.3243$ is the 20% darker color. If you saturate the color by 10%, you get $225.0100, -28.5989, 26.3012$, and if you desaturate by 10%, it is $242.5640, -12.1101, 10.9064$.

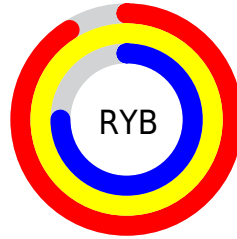
Distribution



Red (100%)

Green (91%)

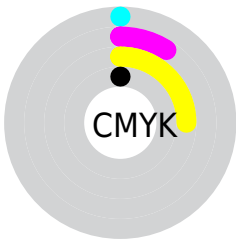
Blue (75%)



Red (91%)

Yellow (100%)

Blue (75%)

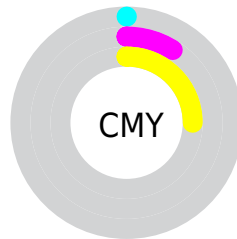


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.7300, -20.5729, 18.6538 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 233.7300, -20.5729, 18.6538 by changing the saturation by 10% instead.

233.7300,
-20.5729, 18.6538

233.7300,
-20.5729, 18.6538

255.0000, 0.0000,
0.0000

205.5450,
-19.9887, 17.9390

254.3160, -2.6208,
0.5999

178.2460,
-19.8413, 17.3243

151.1750,
-18.8203, 16.5095

124.9900,
-18.2361, 15.7948

99.8050, -17.6519,
15.0800

76.0220, -16.7728,
13.1357

52.9510, -15.7518,

12.3210

■ 31.6520, -15.6044,
11.7062

■ 9.7900, -4.8265,
8.0772

■ 233.7300,
-20.5729, 18.6538

■ 233.7300,
-20.5729, 18.6538

■ 225.0100,
-28.5989, 26.3012

■ 242.5640,
-12.1101, 10.9064

■ 216.7630,
-37.3512, 33.5338

■ 250.6970, -3.7946,
3.7737

■ 208.0430,
-45.3772, 41.1813

255.0000, 0.0000,
0.0000

■ 199.2090,
-53.8400, 48.9287

■ 190.4890,
-61.8661, 56.5761

■ 182.2420,
-70.6183, 63.8088

■ 173.5220,
-78.6443, 71.4562

■ 168.9910,
-83.3126, 75.4299

Harmonies

Analogous

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



230.5330, -15.0528, 21.4576



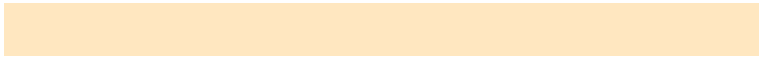
233.7300, -20.5729, 18.6538



231.3040, -17.8979, 0.6104

Triad

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



233.7300, -20.5729, 18.6538



225.8250, 11.9183, -42.8195



236.2160, 9.2605, 16.4736

Complementary

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



233.7300, -20.5729, 18.6538



213.2700, 20.5729, -18.6538

Split Complementary

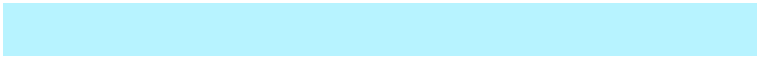
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.4480, 10.6251, -1.2699



233.7300, -20.5729, 18.6538



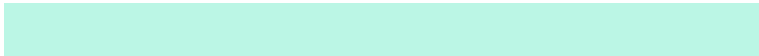
226.4280, 14.0860, -38.0864

Square

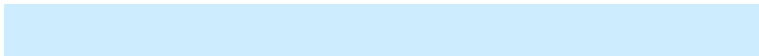
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.7300, -20.5729, 18.6538



226.4210, 1.2714, -34.5722



229.4840, 12.5794, -21.4725



232.0440, 3.4293, 20.1324

Rectangle

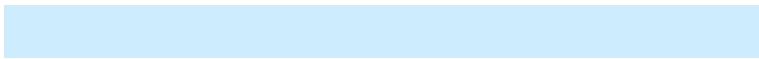
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.7300, -20.5729, 18.6538



229.7800, -13.2025, -12.0851



229.4840, 12.5794, -21.4725



235.8950, 9.4188, 12.3701

Sweetspot

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



233.7300, -20.5729, 18.6538



248.8390, -5.8366, 5.4032



213.5730, 1.1965, 36.3315



124.3980, -3.6472, 3.1590



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.



233.7300, -20.5729, 18.6538



229.3130, -24.8043, 22.5275



245.7250, -26.4864, 1.9952



123.5830, -4.2314, 3.8737



126.3750, -62.3029, 56.6761



42.0290, -20.7203, 19.2686

Inverse Universe

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



213.2700, 20.5729, -18.6538



204.6870, 24.8043, -22.5275



201.2750, 26.4864, -1.9952



119.4170, 4.2314, -3.8737



64.6250, 62.3029, -56.6761



21.3840, 21.0097, -18.7538

Previews

White Background



This preview shows how the YUV color 233.7300, -20.5729, 18.6538 looks on a white background.

Color Contrast Check

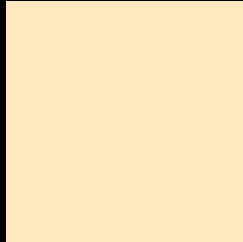
Large Text (above 18pt) WCAG AA × Fail

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 233.7300, -20.5729, 18.6538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

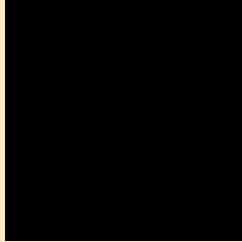
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.7300, -20.5729, 18.6538

Background



This preview shows how black text looks on a background with the YUV color 233.7300, -20.5729, 18.6538.



This preview shows how white text looks on a background with the YUV color 233.7300, -20.5729, 18.6538.

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

233.7300, -20.5729, 18.6538

Protanopia

233.2130, -19.8250, 12.0912

Deuteranopia

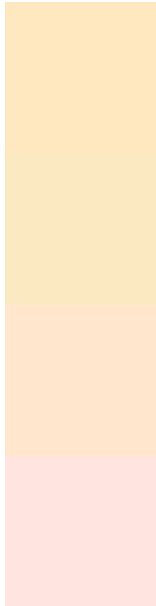
234.9500, -10.8214, 17.5838



Tritanopia

236.2670, 1.8404, 16.4288

Trichromacy



Original Color

233.7300, -20.5729, 18.6538

Protanomaly

233.5230, -19.9778, 14.4503

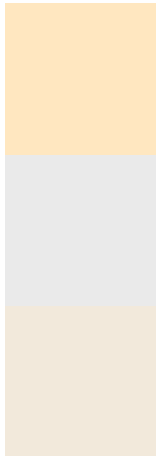
Deuteranomaly

234.6250, -14.6051, 17.8689

Tritanomaly

235.5030, -6.1640, 17.0989

Monochromacy



Original Color

233.7300, -20.5729, 18.6538

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

234.0950, -7.4418, 6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.7300, -20.5729, 18.6538 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, 231, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 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(255, 231, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 192) }
```

Border

The CSS property to change the border of an element to YUV 233.7300, -20.5729, 18.6538 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, 231, 192) }
```


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

```
.border{ border-color:rgb(255, 231, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 233.7300, -20.5729, 18.6538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 192) }
```

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

```
.background{ background-color: rgb(255,  
231, 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](#).

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