

Converting Colors

YUV(246.4500, -32.7599,
7.4983)

Have a look what the booklet for
YUV(246.4500, -32.7599, 7.4983)
contains.

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Color

**YUV(246.4500, -32.7599,
7.4983)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFFB4
RGB	255, 255, 180
RGB Percent	100%, 100%, 71%
CMY	0.0000, 0.0000, 0.2941
CMYK	0.00, 0.00, 0.29, 0.00
HSL	60°, 100%, 85%
HSV	60°, 29%, 100%
XYZ	85.2382, 96.0753, 57.2319
YIQ	246.4500, 24.0750, -23.3250

Conversions

Conversions Part 2

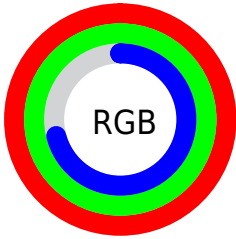
Format	Color
R _Y B	180, 255, 180
Decimal	16777140
CIE Lab	98.46, -11.20, 35.94
CIE LCh	98, 37.646, 107.307
Yxy	96.0753, 0.3573, 0.4028
Android (android.graphics.Color)	4294967220 (0xFFFFFFFFB4)
YUV	246.4500, -32.7599, 7.4983
Hunter-Lab	98.0180, -16.3047, 33.9937

Details

The YUV color $246.4500, -32.7599, 7.4983$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $188.5500, 32.7599, -7.4983$, and the grayscale version is $247.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.8340, -8.2992, 1.8996$, and $189.4930, -31.3020, 6.5836$ is the 20% darker color. If you saturate the color by 10%, you get $243.6000, -43.6798, 9.9978$, and if you desaturate by 10%, it is $249.4140, -21.4031, 4.8989$.

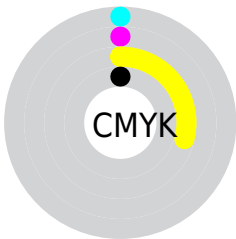
Distribution



- Red (100%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 246.4500, -32.7599, 7.4983 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 246.4500, -32.7599, 7.4983 by changing the saturation by 10% instead.

246.4500,
-32.7599, 7.4983

246.4500,
-32.7599, 7.4983

255.0000, 0.0000,
0.0000

217.6780,
-31.8863, 7.2984

252.8340, -8.2992,
1.8996

189.4930,
-31.3020, 6.5836

162.7210,
-30.4285, 6.3837

136.2370,
-29.6968, 5.0542

110.4650,
-28.8232, 4.8542

85.2800, -28.2390,
4.1394

61.3400, -29.2546,

3.2098

■ 40.7340, -20.0819,
1.1103

■ 21.5190, -10.6089,
-3.9632

■ 246.4500,
-32.7599, 7.4983

■ 246.4500,
-32.7599, 7.4983

■ 243.6000,
-43.6798, 9.9978

■ 249.4140,
-21.4031, 4.8989

■ 240.6360,
-55.0365, 12.5972

■ 252.2640,
-10.4832, 2.3995

■ 237.7860,
-65.9565, 15.0967

255.0000, 0.0000,
0.0000

■ 234.8220,
-77.3132, 17.6961

■ 231.9720,
-88.2332, 20.1956

■ 229.0080,
-99.5899, 22.7950

■ 226.1580,
-110.5099, 25.2944

■ 225.9300,
-111.3835, 25.4944

Harmonies

Analogous

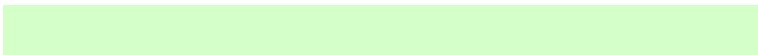
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.4060, -29.2872, 13.6759



246.4500, -32.7599, 7.4983



236.1720, -17.8328, -20.3218

Triad

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



246.4500, -32.7599, 7.4983



221.5120, 16.5096, -68.8550



237.3900, 8.6817, 15.4440

Complementary

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



246.4500, -32.7599, 7.4983



188.5500, 32.7599, -7.4983

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.



242.6730, 6.0772, 10.8108



246.4500, -32.7599, 7.4983



233.1730, 10.7607, -44.8787

Square

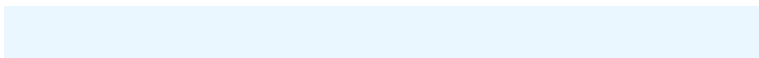
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246.4500, -32.7599, 7.4983



220.9140, 16.8044, -70.0846



244.3240, 5.2633, -8.1771



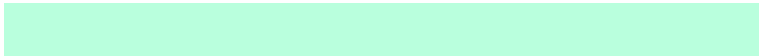
233.9530, -1.9488, 18.4582

Rectangle

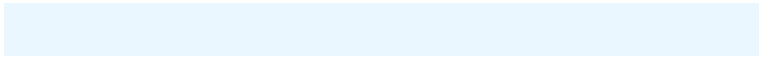
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246.4500, -32.7599, 7.4983



230.1940, -4.5326, -39.6351



244.3240, 5.2633, -8.1771



238.5640, 8.1029, 14.4144

Sweetspot

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



246.4500, -32.7599, 7.4983



252.3780, -10.0464, 2.2995



202.4250, -11.0555, 46.1083



126.2900, -6.5520, 1.4997



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

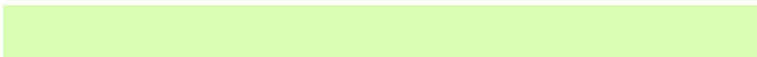
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.4500, -32.7599, 7.4983



244.8540, -38.8750, 8.8980



235.3870, -27.3058, -15.2484



126.5180, -5.6784, 1.2997



169.2260, -83.4284, 19.0958



56.7040, -27.9551, 6.3986

Inverse Universe

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



188.5500, 32.7599, -7.4983



176.1460, 38.8750, -8.8980



199.9120, 27.1584, 15.8632



116.4820, 5.6784, -1.2997



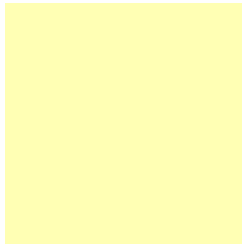
21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Previews

White Background



This preview shows how the YUV color 246.4500, -32.7599, 7.4983 looks on a white background.

Color Contrast Check

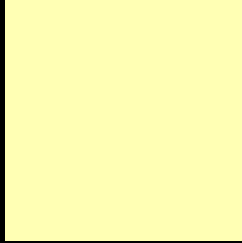
Large Text (above 18pt) WCAG AA × Fail

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 246.4500, -32.7599, 7.4983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

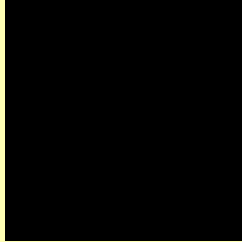
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 246.4500, -32.7599, 7.4983

Background



This preview shows how black text looks on a background with the YUV color 246.4500, -32.7599, 7.4983.



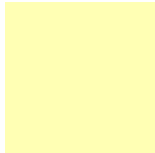
This preview shows how white text looks on a background with the YUV color 246.4500, -32.7599, 7.4983.

7.4983.

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

246.4500, -32.7599, 7.4983

Protanopia

250.0130, -6.4154, 4.3736

Deuteranopia

250.9250, -2.9210, 3.5738

Tritanopia

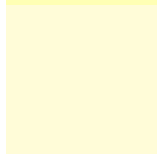
251.3640, 1.2995, 3.1888

Trichromacy



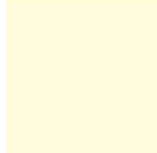
Original Color

246.4500, -32.7599, 7.4983



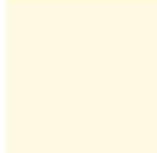
Protanomaly

248.7930, -16.1669, 5.4435



Deuteranomaly

249.3630, -13.9830, 4.9436



Tritanomaly

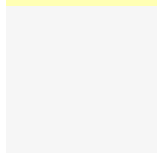
249.4600, -11.0728, 4.8586

Monochromacy



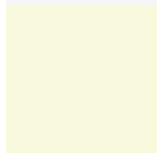
Original Color

246.4500, -32.7599, 7.4983



Achromatopsia

246.0000, 0.0000, 0.0000



Achromatomaly

245.9220, -11.7935, 2.6994

CSS Examples

Text

The CSS property to change the color of the text to YUV 246.4500, -32.7599, 7.4983 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, 255, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 180)  
}
```

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, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 180) }
```

Border

The CSS property to change the border of an element to YUV 246.4500, -32.7599, 7.4983 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, 255, 180) }
```


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

```
.border{ border-color:rgb(255, 255, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 246.4500, -32.7599, 7.4983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 180) }
```

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

```
.background{ background-color: rgb(255,  
255, 180) }
```

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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