

Converting Colors

YUV(246.5640, -32.3231,
7.3984)

Have a look what the booklet for
YUV(246.5640, -32.3231, 7.3984)
contains.

YUV(246.5640, -32.3231, 7.3984)	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(246.5640, -32.3231,
7.3984)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFFB5
RGB	255, 255, 181
RGB Percent	100%, 100%, 71%
CMY	0.0000, 0.0000, 0.2902
CMYK	0.00, 0.00, 0.29, 0.00
HSL	60°, 100%, 85%
HSV	60°, 29%, 100%
XYZ	85.3405, 96.1162, 57.7704
YIQ	246.5640, 23.7540, -23.0140

Conversions

Conversions Part 2

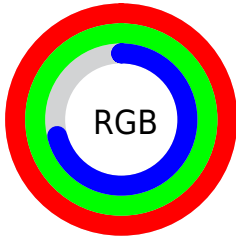
Format	Color
R_{YB}	181, 255, 181
Decimal	16777141
CIE _{Lab}	98.48, -11.08, 35.46
CIE _{LCh}	98, 37.154, 107.345
Yxy	96.1162, 0.3567, 0.4018
Android (android.graphics.Color)	4294967221 (0xFFFFFFFFB5)
YUV	246.5640, -32.3231, 7.3984
Hunter-Lab	98.0389, -16.1880, 33.6900

Details

The YUV color $246.5640, -32.3231, 7.3984$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $189.4360, 32.3231, -7.3984$, and the grayscale version is $247.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.9480, -7.8624, 1.7996$, and $189.6070, -30.8653, 6.4837$ is the 20% darker color. If you saturate the color by 10%, you get $243.7140, -43.2430, 9.8978$, and if you desaturate by 10%, it is $249.5280, -20.9663, 4.7989$.

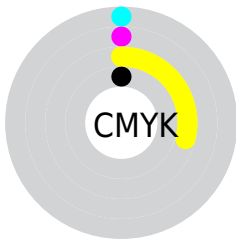
Distribution



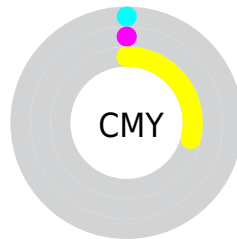
- Red (100%)
- Green (100%)
- Blue (71%)



- 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 246.5640, -32.3231, 7.3984 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 246.5640, -32.3231, 7.3984 by changing the saturation by 10% instead.

246.5640,
-32.3231, 7.3984

246.5640,
-32.3231, 7.3984

255.0000, 0.0000,
0.0000

217.7920,
-31.4495, 7.1984

252.9480, -7.8624,
1.7996

189.6070,
-30.8653, 6.4837

162.8350,
-29.9917, 6.2837

136.3510,
-29.2600, 4.9542

110.5790,
-28.3864, 4.7542

85.3940, -27.8022,
4.0395

61.8670, -28.5284,

3.6246

■ 41.0330, -20.2293,
1.7251

■ 21.5190, -10.6089,
-3.9632

■ 246.5640,
-32.3231, 7.3984

■ 246.5640,
-32.3231, 7.3984

■ 243.7140,
-43.2430, 9.8978

■ 249.5280,
-20.9663, 4.7989

■ 240.7500,
-54.5998, 12.4972

■ 252.3780,
-10.0464, 2.2995

■ 237.9000,
-65.5197, 14.9967

255.0000, 0.0000,
0.0000

■ 234.9360,
-76.8764, 17.5961

■ 232.0860,
-87.7964, 20.0956

■ 229.1220,
-99.1531, 22.6950

■ 226.2720,
-110.0731, 25.1945

■ 225.9300,
-111.3835, 25.4944

Harmonies

Analogous

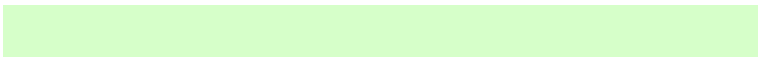
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.4060, -29.2872, 13.6759



246.5640, -32.3231, 7.3984



236.5850, -17.5434, -19.8070

Triad

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



246.5640, -32.3231, 7.3984



222.1100, 16.2148, -67.6255



237.9770, 8.3923, 14.9292

Complementary

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



246.5640, -32.3231, 7.3984



189.4360, 32.3231, -7.3984

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



246.5640, -32.3231, 7.3984



233.4720, 10.6133, -44.2639

Square

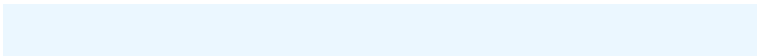
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246.5640, -32.3231, 7.3984



221.5120, 16.5096, -68.8550



244.3240, 5.2633, -8.1771



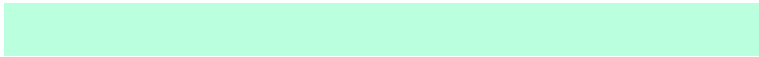
234.6540, -1.8014, 17.8434

Rectangle

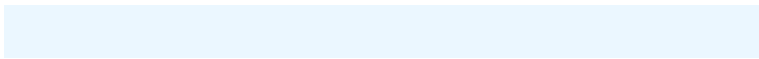
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246.5640, -32.3231, 7.3984



230.6070, -4.2433, -39.1203



244.3240, 5.2633, -8.1771



239.1510, 7.8136, 13.8996

Sweetspot

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



246.5640, -32.3231, 7.3984



252.3780, -10.0464, 2.2995



203.1260, -10.9081, 45.4935



126.2900, -6.5520, 1.4997



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

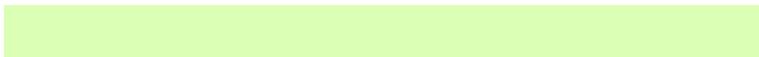
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.5640, -32.3231, 7.3984



244.8540, -38.8750, 8.8980



235.5010, -26.8690, -15.3484



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.



189.4360, 32.3231, -7.3984



176.1460, 38.8750, -8.8980



200.4990, 26.8690, 15.3484



116.4820, 5.6784, -1.2997



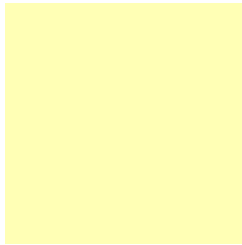
21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Previews

White Background



This preview shows how the YUV color 246.5640, -32.3231, 7.3984 looks on a white background.

Color Contrast Check

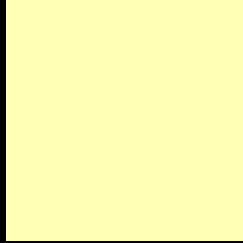
Large Text (above 18pt) WCAG AA × Fail

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 246.5640, -32.3231, 7.3984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

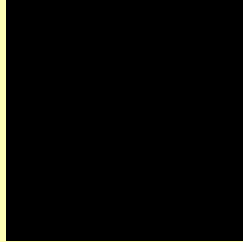
Any Text WCAG AA ✓ Pass

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 246.5640, -32.3231, 7.3984 Background



This preview shows how black text looks on a background with the YUV color 246.5640, -32.3231, 7.3984.



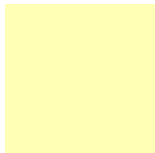
This preview shows how white text looks on a background with the YUV color 246.5640, -32.3231, 7.3984.

7.3984.

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

246.5640, -32.3231, 7.3984

Protanopia

250.6000, -6.7048, 3.8588

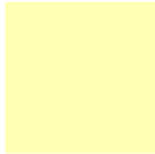
Deuteranopia

251.0390, -2.4842, 3.4738

Tritanopia

251.3640, 1.2995, 3.1888

Trichromacy



Original Color

246.5640, -32.3231, 7.3984



Protanomaly

248.9070, -15.7302, 5.3436



Deuteranomaly

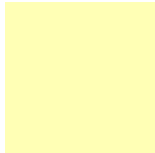
249.4770, -13.5462, 4.8437



Tritanomaly

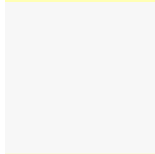
249.4600, -11.0728, 4.8586

Monochromacy



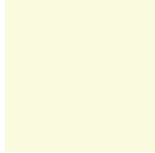
Original Color

246.5640, -32.3231, 7.3984



Achromatopsia

247.0000, 0.0000, 0.0000



Achromatomaly

246.9220, -11.7935, 2.6994

CSS Examples

Text

The CSS property to change the color of the text to YUV 246.5640, -32.3231, 7.3984 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 181) }
```

Border

The CSS property to change the border of an element to YUV 246.5640, -32.3231, 7.3984 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, 181) }
```


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

```
.border{ border-color:rgb(255, 255, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 246.5640, -32.3231, 7.3984 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, 181) }
```

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

```
.background{ background-color: rgb(255,  
255, 181) }
```

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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