

Converting Colors

YUV(247.3620, -29.2655,
6.6985)

Have a look what the booklet for
YUV(247.3620, -29.2655, 6.6985)
contains.

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Color

**YUV(247.3620, -29.2655,
6.6985)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFFBC
RGB	255, 255, 188
RGB Percent	100%, 100%, 74%
CMY	0.0000, 0.0000, 0.2627
CMYK	0.00, 0.00, 0.26, 0.00
HSL	60°, 100%, 87%
HSV	60°, 26%, 100%
XYZ	86.0771, 96.4108, 61.6494
YIQ	247.3620, 21.5070, -20.8370

Conversions

Conversions Part 2

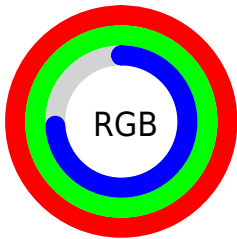
Format	Color
R _Y B	188, 255, 188
Decimal	16777148
CIE Lab	98.60, -10.20, 32.12
CIE LCh	99, 33.700, 107.612
Yxy	96.4108, 0.3526, 0.3949
Android (android.graphics.Color)	4294967228 (0xFFFFFFFFBC)
YUV	247.3620, -29.2655, 6.6985
Hunter-Lab	98.1890, -15.3493, 31.5063

Details

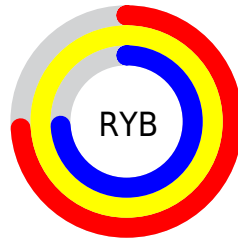
The YUV color $247.3620, -29.2655, 6.6985$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $195.6380, 29.2655, -6.6985$, and the grayscale version is $248.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8600, -4.3680, 0.9998$, and $190.7040, -27.9551, 6.3986$ is the 20% darker color. If you saturate the color by 10%, you get $244.5120, -40.1854, 9.1980$, and if you desaturate by 10%, it is $250.3260, -17.9087, 4.0991$.

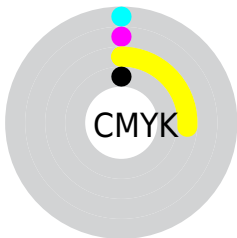
Distribution



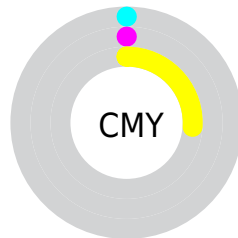
- Red (100%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 247.3620, -29.2655, 6.6985 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 247.3620, -29.2655, 6.6985 by changing the saturation by 10% instead.


 247.3620,
-29.2655, 6.6985


 247.3620,
-29.2655, 6.6985

255.0000, 0.0000,
0.0000


 218.5900,
-28.3919, 6.4986


 253.8600, -4.3680,
0.9998

 190.7040,
-27.9551, 6.3986

 163.5190,
-27.3709, 5.6838

 137.4480,
-26.3499, 4.8691

 111.6760,
-25.4763, 4.6691

 86.4910, -24.8921,
3.9544

 62.8930, -24.5972,

2.7248

■ 41.3320, -20.3767,
2.3398

■ 22.1170, -10.9037,
-2.7336

■ 247.3620,
-29.2655, 6.6985

■ 247.3620,
-29.2655, 6.6985

■ 244.5120,
-40.1854, 9.1980

■ 250.3260,
-17.9087, 4.0991

■ 241.5480,
-51.5422, 11.7974

■ 253.1760, -6.9888,
1.5996

■ 238.6980,
-62.4621, 14.2969

255.0000, 0.0000,
0.0000

■ 235.7340,
-73.8189, 16.8963

■ 232.8840,
-84.7388, 19.3957

■ 229.9200,
-96.0956, 21.9952

■ 227.0700,
-107.0155, 24.4946

■ 225.9300,
-111.3835, 25.4944

Harmonies

Analogous

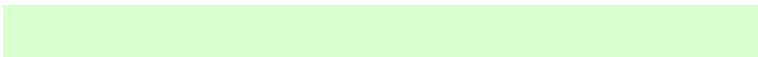
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.7910, -26.5190, 12.4613



247.3620, -29.2655, 6.6985



238.3510, -15.9490, -17.8478

Triad

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



247.3620, -29.2655, 6.6985



226.5950, 14.0037, -58.4038



239.1510, 7.8136, 13.8996

Complementary

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



247.3620, -29.2655, 6.6985



195.6380, 29.2655, -6.6985

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



247.3620, -29.2655, 6.6985



236.1630, 9.2866, -38.7310

Square

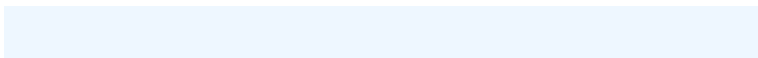
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247.3620, -29.2655, 6.6985



225.6980, 14.4459, -60.2481



245.2210, 4.8210, -6.3328



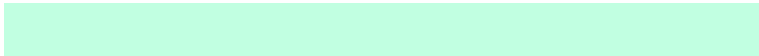
236.6430, -1.7960, 16.0991

Rectangle

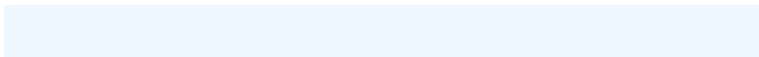
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247.3620, -29.2655, 6.6985



233.0420, -3.9647, -35.1168



245.2210, 4.8210, -6.3328



240.3250, 7.2348, 12.8700

Sweetspot

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



247.3620, -29.2655, 6.6985



252.7200, -8.7360, 1.9996



208.0330, -9.8763, 41.1901



126.5180, -5.6784, 1.2997



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

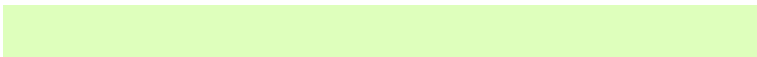
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.3620, -29.2655, 6.6985



245.6520, -35.8174, 8.1982



237.4950, -24.4010, -13.5891



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.



195.6380, 29.2655, -6.6985



182.3480, 35.8174, -8.1982



205.8040, 24.2536, 14.2039



116.4820, 5.6784, -1.2997



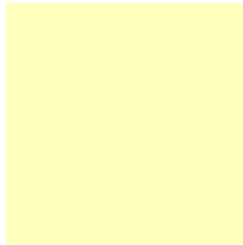
21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Previews

White Background



This preview shows how the YUV color 247.3620, -29.2655, 6.6985 looks on a white background.

Color Contrast Check

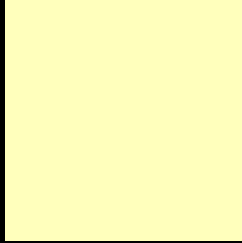
Large Text (above 18pt) WCAG AA × Fail

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 247.3620, -29.2655, 6.6985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

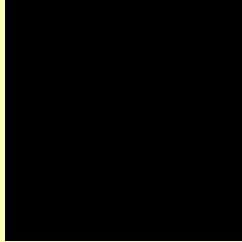
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 247.3620, -29.2655, 6.6985

Background



This preview shows how black text looks on a background with the YUV color 247.3620, -29.2655, 6.6985.



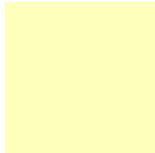
This preview shows how white text looks on a background with the YUV color 247.3620, -29.2655,

6.6985.

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

247.3620, -29.2655, 6.6985

Protanopia

250.8280, -5.8312, 3.6588

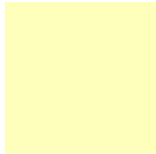
Deuteranopia

251.1530, -2.0474, 3.3738

Tritanopia

251.4780, 1.7363, 3.0888

Trichromacy



Original Color

247.3620, -29.2655, 6.6985



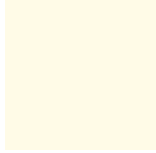
Protanomaly

249.2490, -14.4198, 5.0436



Deuteranomaly

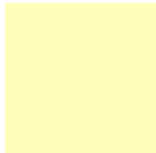
249.9330, -11.7990, 4.4438



Tritanomaly

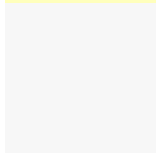
249.9160, -9.3256, 4.4587

Monochromacy



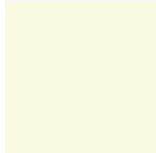
Original Color

247.3620, -29.2655, 6.6985



Achromatopsia

247.0000, 0.0000, 0.0000



Achromatomaly

247.2640, -10.4832, 2.3995

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.3620, -29.2655, 6.6985 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 188) }
```

Border

The CSS property to change the border of an element to YUV 247.3620, -29.2655, 6.6985 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, 188) }
```


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

```
.border{ border-color:rgb(255, 255, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 247.3620, -29.2655, 6.6985 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, 188) }
```

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

```
.background{ background-color: rgb(255,  
255, 188) }
```

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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