

Converting Colors

YUV(236.6770, -6.7428,
16.0693)

Have a look what the booklet for
YUV(236.6770, -6.7428, 16.0693)
contains.

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Color

**YUV(236.6770, -6.7428,
16.0693)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6DF
RGB	255, 230, 223
RGB Percent	100%, 90%, 87%
CMY	0.0000, 0.0980, 0.1255
CMYK	0.00, 0.10, 0.13, 0.00
HSL	13°, 100%, 94%
HSV	13°, 13%, 100%
XYZ	82.8561, 83.1813, 81.5007
YIQ	236.6770, 17.1470, 3.1230

Conversions

Conversions Part 2

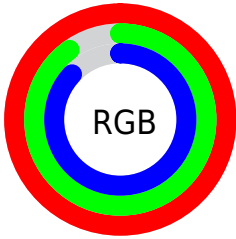
Format	Color
R _Y B	255, 232, 223
Decimal	16770783
CIE Lab	93.09, 7.41, 6.50
CIE LCh	93, 9.854, 41.275
Yxy	83.1813, 0.3347, 0.3360
Android (android.graphics.Color)	4294960863 (0xFFFFE6DF)
YUV	236.6770, -6.7428, 16.0693
Hunter-Lab	91.2038, 2.5556, 10.8605

Details

The YUV color $236.6770, -6.7428, 16.0693$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.3230, 6.7428, -16.0693$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.0790, -6.4479, 14.8397$ is the 20% darker color. If you saturate the color by 10%, you get $222.0870, -11.8749, 28.8647$, and if you desaturate by 10%, it is $251.3810, -1.1738, 3.1739$.

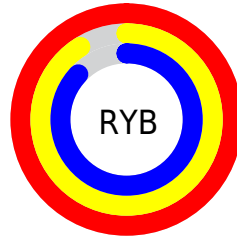
Distribution



Red (100%)

Green (90%)

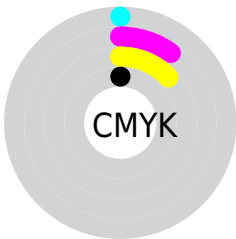
Blue (87%)



Red (100%)

Yellow (91%)

Blue (87%)

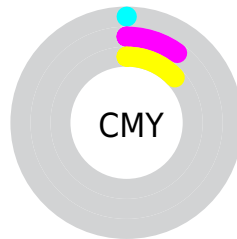


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.6770, -6.7428, 16.0693 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 236.6770, -6.7428, 16.0693 by changing the saturation by 10% instead.


 236.6770, -6.7428,
16.0693


 236.6770, -6.7428,
16.0693

255.0000, 0.0000,
0.0000


 208.3780, -6.5954,
15.4545

 181.0790, -6.4479,
14.8397

 154.0790, -6.4479,
14.8397

 127.8940, -5.8637,
14.1250

 102.5950, -5.7163,
13.5102

 78.4100, -5.1321,
12.7954

 55.8120, -4.8373,

11.5659

■ 34.2140, -4.5425,
10.3363

■ 11.0080, -5.4269,
14.0250

■ 236.6770, -6.7428,
16.0693

■ 236.6770, -6.7428,
16.0693

■ 222.0870,
-11.8749, 28.8647

■ 251.3810, -1.1738,
3.1739

■ 207.3830,
-17.4438, 41.7601

255.0000, 0.0000,
0.0000

■ 192.7930,
-22.5759, 54.5555

■ 178.0890,
-28.1449, 67.4509

■ 163.4990,
-33.2770, 80.2464

■ 148.7950,
-38.8459, 93.1418

■ 134.7920,
-44.2675, 105.4224

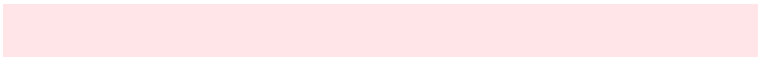
■ 120.0880,
-49.8364, 118.3178

■ 109.1170,
-53.7947, 127.9394

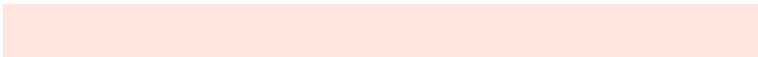
Harmonies

Analogous

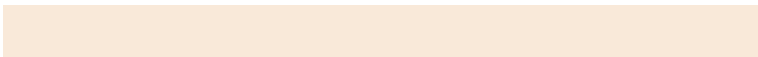
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.1160, -2.5222, 15.6843



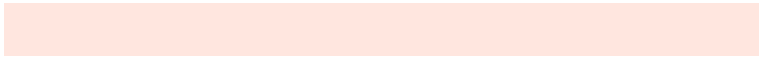
236.6770, -6.7428, 16.0693



235.9600, -9.3473, 11.4361

Triad

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



236.6770, -6.7428, 16.0693



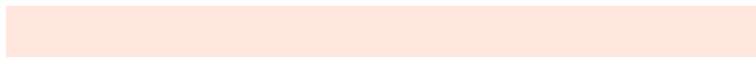
232.1680, -1.5618, -12.4253



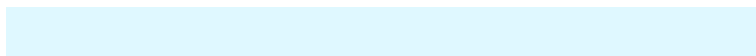
235.6710, 9.0362, -4.9735

Complementary

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



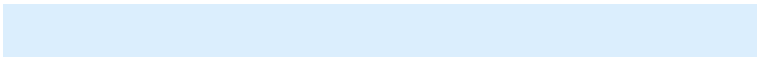
236.6770, -6.7428, 16.0693



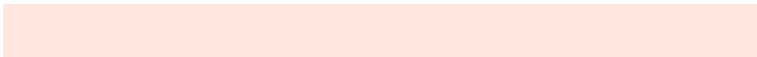
241.3230, 6.7428, -16.0693

Split Complementary

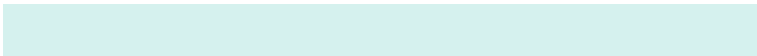
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.0290, 9.3527, -13.1804



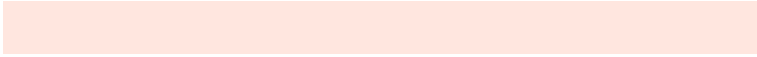
236.6770, -6.7428, 16.0693



232.2860, 2.8170, -16.9138

Square

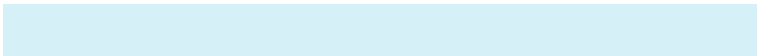
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.6770, -6.7428, 16.0693



233.0720, -5.9515, -4.4481



232.7250, 7.0376, -17.2988



236.9280, 5.9515, 4.4481

Rectangle

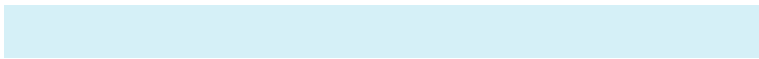
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



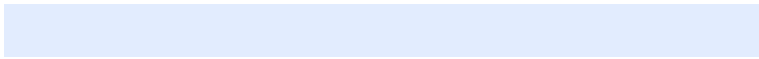
236.6770, -6.7428, 16.0693



235.2260, -9.4784, 6.8178



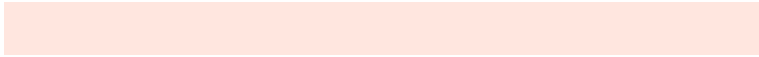
232.7250, 7.0376, -17.2988



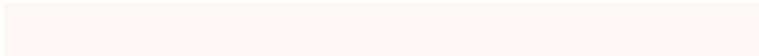
235.0620, 9.3364, -7.9474

Sweetspot

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



236.6770, -6.7428, 16.0693



249.1640, -2.0529, 5.1182



235.4180, 6.2029, 17.1734



124.2670, -1.6106, 3.2738



0.0000, 0.0000, 0.0000



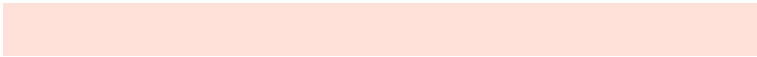
128.0000, 0.0000, 0.0000

Same Dimension

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



236.6770, -6.7428, 16.0693



233.0580, -7.9166, 19.2431



246.0690, -11.3730, 7.8325



120.6480, -2.7845, 6.4477



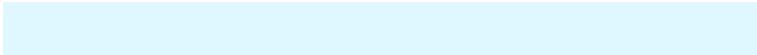
81.7630, -40.3092, 95.8008



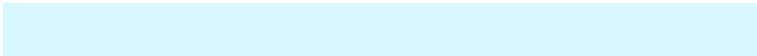
27.3540, -13.4855, 32.1385

Inverse Universe

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



241.3230, 6.7428, -16.0693



238.9420, 7.9166, -19.2431



231.9310, 11.3730, -7.8325



122.3520, 2.7845, -6.4477



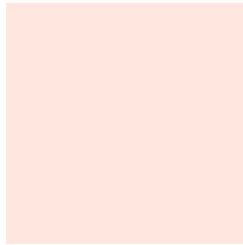
109.2370, 40.3092, -95.8008



36.6460, 13.4855, -32.1385

Previews

White Background



This preview shows how the YUV color 236.6770, -6.7428, 16.0693 looks on a white background.

Color Contrast Check

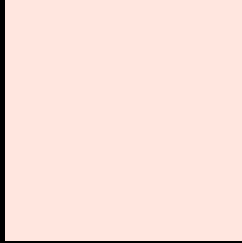
Large Text (above 18pt) WCAG AA × Fail

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 236.6770, -6.7428, 16.0693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

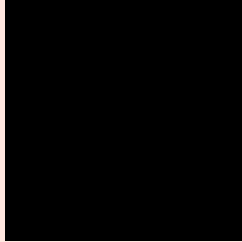
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

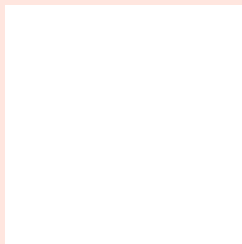
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.6770, -6.7428, 16.0693

Background



This preview shows how black text looks on a background with the YUV color 236.6770, -6.7428, 16.0693.



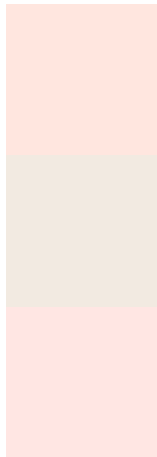
This preview shows how white text looks on a background with the YUV color 236.6770, -6.7428,

16.0693.

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

236.6770, -6.7428, 16.0693

Protanopia

235.3660, -5.1104, 5.8180

Deuteranopia

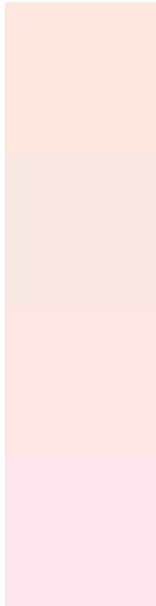
237.1330, -4.9956, 15.6694



Tritanopia

237.7830, 2.5720, 15.0993

Trichromacy



Original Color

236.6770, -6.7428, 16.0693

Protanomaly

236.1600, -5.9949, 9.5067

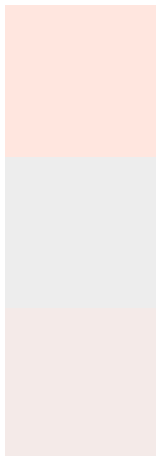
Deuteranomaly

237.0190, -5.4324, 15.7693

Tritanomaly

237.5720, -0.7750, 15.2844

Monochromacy



Original Color

236.6770, -6.7428, 16.0693

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.7620, -2.3477, 6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.6770, -6.7428, 16.0693 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, 230, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 223)  
}
```

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, 230, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 223) }
```

Border

The CSS property to change the border of an element to YUV 236.6770, -6.7428, 16.0693 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, 230, 223) }
```


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

```
.border{ border-color:rgb(255, 230, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 236.6770, -6.7428, 16.0693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 223) }
```

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

```
.background{ background-color: rgb(255,  
230, 223) }
```

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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