

Converting Colors

YUV(236.7910, -6.3060,
15.9693)

Have a look what the booklet for
YUV(236.7910, -6.3060, 15.9693)
contains.

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Color

**YUV(236.7910, -6.3060,
15.9693)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6E0
RGB	255, 230, 224
RGB Percent	100%, 90%, 88%
CMY	0.0000, 0.0980, 0.1216
CMYK	0.00, 0.10, 0.12, 0.00
HSL	12°, 100%, 94%
HSV	12°, 12%, 100%
XYZ	82.9914, 83.2354, 82.2129
YIQ	236.7910, 16.8260, 3.4340

Conversions

Conversions Part 2

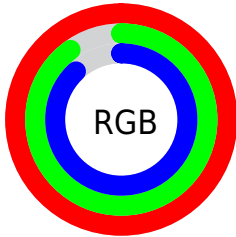
Format	Color
R_{YB}	255, 231, 224
Decimal	16770784
CIE Lab	93.12, 7.56, 6.01
CIE LCh	93, 9.663, 38.488
Yxy	83.2354, 0.3341, 0.3350
Android (android.graphics.Color)	4294960864 (0xFFFE6E0)
YUV	236.7910, -6.3060, 15.9693
Hunter-Lab	91.2335, 2.7156, 10.4356

Details

The YUV color $236.7910, -6.3060, 15.9693$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $242.2090, 6.3060, -15.9693$, 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 $181.1930, -6.0111, 14.7397$ is the 20% darker color. If you saturate the color by 10%, you get $221.6140, -11.1487, 29.2795$, and if you desaturate by 10%, it is $252.0820, -1.0264, 2.5591$.

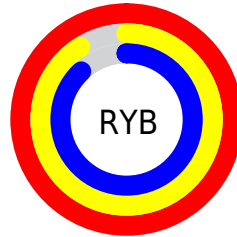
Distribution



Red (100%)

Green (90%)

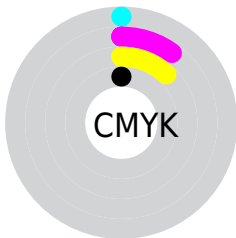
Blue (88%)



Red (100%)

Yellow (91%)

Blue (88%)

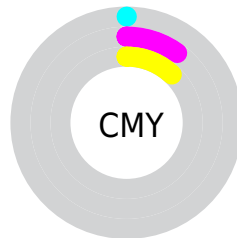


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.7910, -6.3060, 15.9693 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 236.7910, -6.3060, 15.9693 by changing the saturation by 10% instead.


 236.7910, -6.3060,
15.9693

 236.7910, -6.3060,
15.9693


255.0000, 0.0000,
0.0000


 208.4920, -6.1586,
15.3545

 181.1930, -6.0111,
14.7397

 154.1930, -6.0111,
14.7397

 128.0080, -5.4269,
14.0250

 102.7090, -5.2795,
13.4102

 78.5240, -4.6953,
12.6955

 55.8120, -4.8373,

11.5659

■ 34.6270, -4.2531,
10.8511

■ 11.3070, -5.5744,
14.6398

■ 236.7910, -6.3060,
15.9693

■ 236.7910, -6.3060,
15.9693

■ 221.6140,
-11.1487, 29.2795

■ 252.0820, -1.0264,
2.5591

■ 206.9100,
-16.7176, 42.1749

255.0000, 0.0000,
0.0000

■ 191.6190,
-21.9972, 55.5851

■ 177.0290,
-27.1293, 68.3806

■ 161.8520,
-31.9720, 81.6908

■ 147.1480,
-37.5410, 94.5862

■ 131.9710,
-42.3837, 107.8964

■ 116.6800,
-47.6632, 121.3066

■ 105.0080,
-51.7689, 131.5430

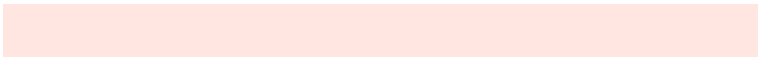
Harmonies

Analogous

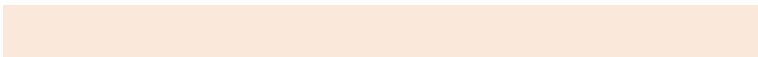
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.2300, -2.0854, 15.5843



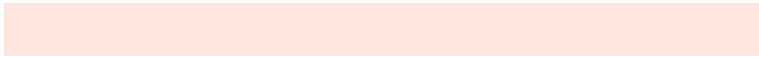
236.7910, -6.3060, 15.9693



235.7860, -8.7685, 12.4657

Triad

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



236.7910, -6.3060, 15.9693



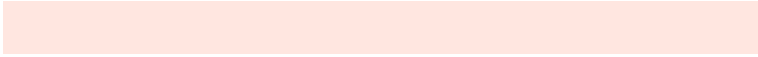
232.6520, -2.2934, -11.0958



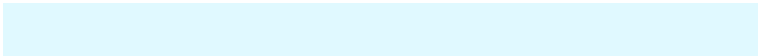
235.2580, 8.7468, -5.4883

Complementary

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



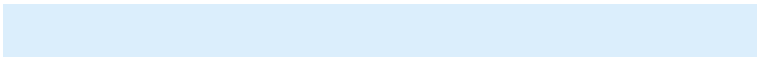
236.7910, -6.3060, 15.9693



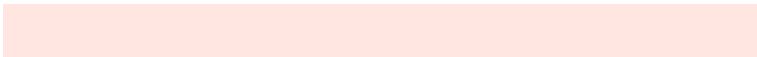
242.2090, 6.3060, -15.9693

Split Complementary

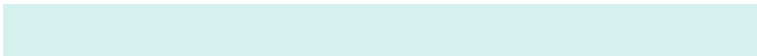
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.9150, 8.9159, -13.0805



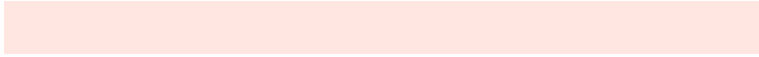
236.7910, -6.3060, 15.9693



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.



236.7910, -6.3060, 15.9693



233.6700, -6.2463, -3.2186



232.6110, 6.6008, -17.1988



236.4440, 6.6831, 3.1186

Rectangle

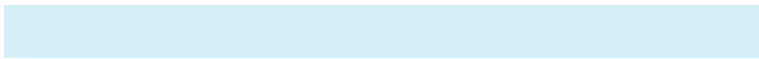
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



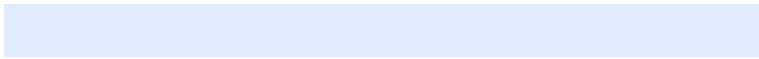
236.7910, -6.3060, 15.9693



235.0520, -8.8996, 7.8474



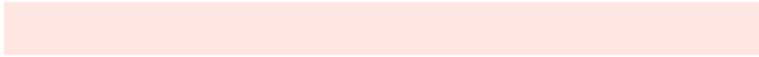
232.6110, 6.6008, -17.1988



234.7630, 9.4838, -8.5622

Sweetspot

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



236.7910, -6.3060, 15.9693



249.1640, -2.0529, 5.1182



236.1190, 6.3503, 16.5586



123.6800, -1.3212, 3.7886



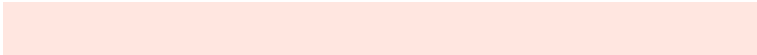
0.0000, 0.0000, 0.0000



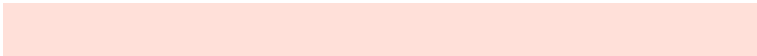
128.0000, 0.0000, 0.0000

Same Dimension

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



236.7910, -6.3060, 15.9693



232.4710, -7.6272, 19.7579



245.5960, -10.6468, 8.2473



120.0610, -2.4951, 6.9625



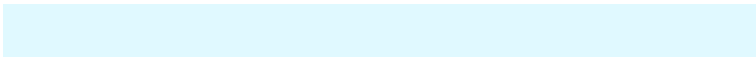
78.8280, -38.8622, 98.3748



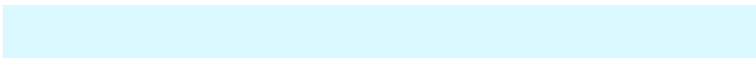
26.1800, -12.9067, 33.1681

Inverse Universe

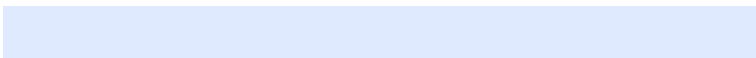
The Inverse Universe completely reimagines the original color for something new.



242.2090, 6.3060, -15.9693



239.5290, 7.6272, -19.7579



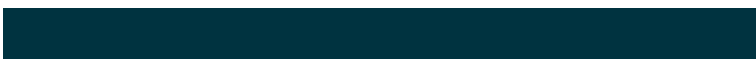
233.4040, 10.6468, -8.2473



122.3520, 2.7845, -6.4477



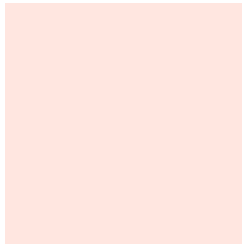
112.1720, 38.8622, -98.3748



37.2330, 13.1961, -32.6533

Previews

White Background



This preview shows how the YUV color 236.7910, -6.3060, 15.9693 looks on a white background.

Color Contrast Check

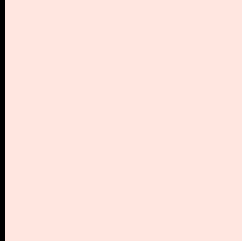
Large Text (above 18pt) WCAG AA × Fail

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 236.7910, -6.3060, 15.9693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

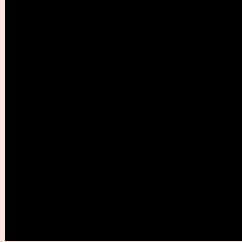
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

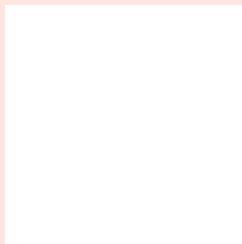
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.7910, -6.3060, 15.9693

Background



This preview shows how black text looks on a background with the YUV color 236.7910, -6.3060, 15.9693.



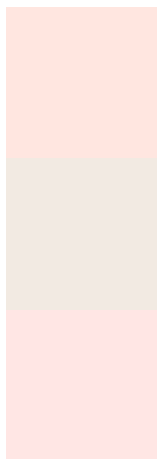
This preview shows how white text looks on a background with the YUV color 236.7910, -6.3060,

15.9693.

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

236.7910, -6.3060, 15.9693

Protanopia

235.4800, -4.6736, 5.7180

Deuteranopia

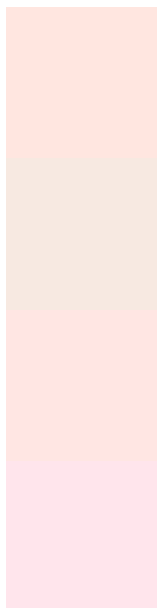
237.2470, -4.5588, 15.5694



Tritanopia

237.7830, 2.5720, 15.0993

Trichromacy



Original Color

236.7910, -6.3060, 15.9693

Protanomaly

236.2740, -5.5581, 9.4067

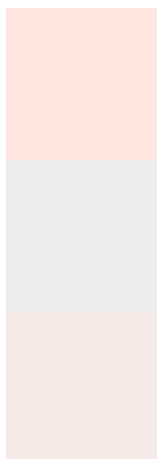
Deuteranomaly

237.1330, -4.9956, 15.6694

Tritanomaly

237.5720, -0.7750, 15.2844

Monochromacy



Original Color

236.7910, -6.3060, 15.9693

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 236.7910, -6.3060, 15.9693 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 224) }
```

Border

The CSS property to change the border of an element to YUV 236.7910, -6.3060, 15.9693 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, 224) }
```


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

```
.border{ border-color:rgb(255, 230, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 236.7910, -6.3060, 15.9693 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, 224) }
```

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

```
.background{ background-color: rgb(255,  
230, 224) }
```

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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