

Converting Colors

YUV(224.7770, -15.1731,
13.3506)

Have a look what the booklet for
YUV(224.7770, -15.1731, 13.3506)
contains.

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Color

**YUV(224.7770, -15.1731,
13.3506)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DFC2
RGB	240, 223, 194
RGB Percent	94%, 87%, 76%
CMY	0.0588, 0.1255, 0.2392
CMYK	0.00, 0.07, 0.19, 0.06
HSL	38°, 61%, 85%
HSV	38°, 19%, 94%
XYZ	72.0605, 75.1957, 61.7552
YIQ	224.7770, 19.4410, -5.4150

Conversions

Conversions Part 2

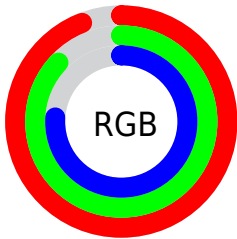
Format	Color
RYB	221, 240, 194
Decimal	15785922
CIELab	89.48, 1.25, 16.32
CIELCh	89, 16.365, 85.633
Yxy	75.1957, 0.3448, 0.3598
Android (android.graphics.Color)	4293976002 (0xFFFF0DFC2)
YUV	224.7770, -15.1731, 13.3506
Hunter-Lab	86.7154, -3.4186, 18.4769

Details

The YUV color $224.7770, -15.1731, 13.3506$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $209.2230, 15.1731, -13.3506$, and the grayscale version is $225.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.5440, -1.7472, 0.3999$, and $169.5920, -14.5889, 12.6358$ is the 20% darker color. If you saturate the color by 10%, you get $216.7580, -23.0517, 20.3832$, and if you desaturate by 10%, it is $232.7960, -7.2944, 6.3179$.

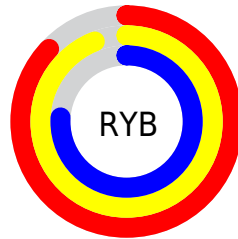
Distribution



Red (94%)

Green (87%)

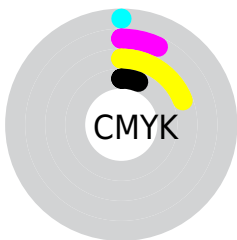
Blue (76%)



Red (87%)

Yellow (94%)

Blue (76%)

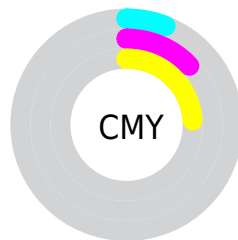


Cyan (0%)

Magenta (7%)

Yellow (19%)

Black (6%)



Cyan (6%)

Magenta (13%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.7770, -15.1731, 13.3506 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 224.7770, -15.1731, 13.3506 by changing the saturation by 10% instead.

■ 224.7770,
-15.1731, 13.3506

■ 224.7770,
-15.1731, 13.3506

■ 255.0000, 0.0000,
0.0000

■ 196.5920,
-14.5889, 12.6358

■ 254.5440, -1.7472,
0.3999

■ 169.5920,
-14.5889, 12.6358

■ 143.4070,
-14.0047, 11.9211

■ 117.2220,
-13.4204, 11.2063

■ 92.4500, -12.5469,
11.0063

■ 68.8520, -12.2520,
9.7768

■ 46.3680, -11.5204,

8.4473

■ 25.4390, -12.5414,
9.2620

■ 0.0000, 0.0000,
0.0000

■ 224.7770,
-15.1731, 13.3506

■ 224.7770,
-15.1731, 13.3506

■ 216.7580,
-23.0517, 20.3832

■ 232.7960, -7.2944,
6.3179

■ 208.7390,
-30.9303, 27.4159

■ 240.8150, 0.5842,
-0.7148

■ 200.7200,
-38.8090, 34.4486

■ 247.5800, 3.6581,
-6.6477

■ 193.2880,
-46.9770, 40.9664

■ 250.5150, 2.2111,
-9.2217

■ 185.2690,
-54.8556, 47.9991

■ 177.2500,
-62.7342, 55.0318

■ 169.2310,
-70.6129, 62.0644

■ 161.2120,
-78.4915, 69.0971

■ 160.3970,
-79.0757, 69.8118

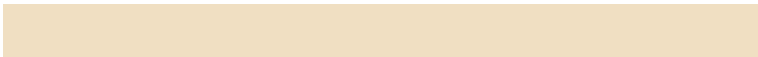
Harmonies

Analogous

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



226.4130, -13.0216, 23.3168



224.7770, -15.1731, 13.3506



222.9710, -12.8037, 0.0254

Triad

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



224.7770, -15.1731, 13.3506



219.8050, 8.9701, -30.5240



227.7380, 7.5242, 13.3848

Complementary

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



224.7770, -15.1731, 13.3506



209.2230, 15.1731, -13.3506

Split Complementary

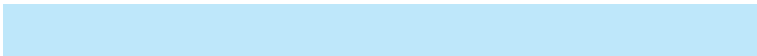
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.4310, 13.0985, -1.2550



224.7770, -15.1731, 13.3506



220.9070, 14.3428, -27.1054

Square

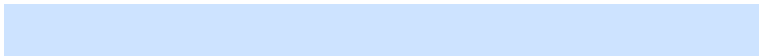
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.7770, -15.1731, 13.3506



219.7750, 1.0969, -25.2357



223.6140, 15.4733, -16.3245



227.8550, 0.0715, 23.8062

Rectangle

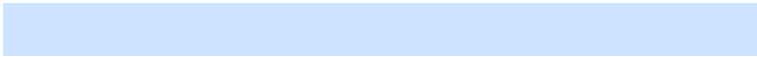
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.7770, -15.1731, 13.3506



221.8280, -9.2822, -9.4962



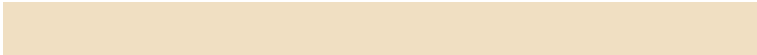
223.6140, 15.4733, -16.3245



227.2860, 9.7190, 9.3962

Sweetspot

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



224.7770, -15.1731, 13.3506



249.7680, -4.8156, 4.5885



209.8060, 1.0816, 26.4801



124.6260, -2.7736, 2.9590



0.0000, 0.0000, 0.0000



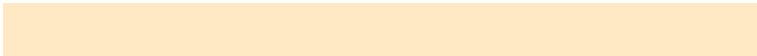
128.0000, 0.0000, 0.0000

Same Dimension

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



224.7770, -15.1731, 13.3506



235.3600, -19.4045, 17.2243



233.2610, -19.3557, 1.5251



115.6970, -3.7946, 3.7737



123.1080, -60.6922, 53.4023



37.2890, -18.3835, 16.4095

Inverse Universe

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



209.2230, 15.1731, -13.3506



215.6400, 19.4045, -17.2243



200.7390, 19.3557, -1.5251



111.7160, 4.0840, -3.2589



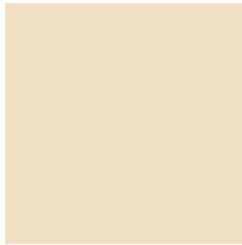
60.8920, 60.6922, -53.4023



18.7110, 18.3835, -16.4095

Previews

White Background



This preview shows how the YUV color 224.7770, -15.1731, 13.3506 looks on a white background.

Color Contrast Check

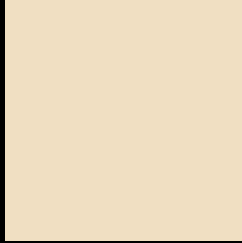
Large Text (above 18pt) WCAG AA × Fail

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 224.7770, -15.1731, 13.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

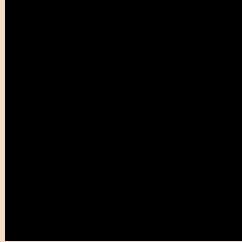
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 224.7770, -15.1731, 13.3506

Background



This preview shows how black text looks on a background with the YUV color 224.7770, -15.1731, 13.3506.



This preview shows how white text looks on a background with the YUV color 224.7770, -15.1731, 13.3506.

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

224.7770, -15.1731, 13.3506

Protanopia

224.2820, -14.4360, 10.2767

Deuteranopia

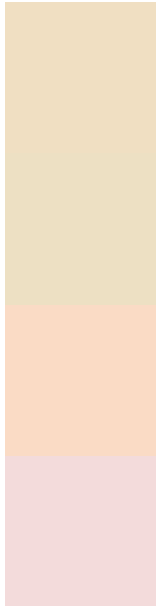
226.1960, -13.9006, 25.2611



Tritanopia

227.3100, 3.2982, 15.5141

Trichromacy



Original Color

224.7770, -15.1731, 13.3506

Protanomaly

224.5810, -14.5834, 10.8915

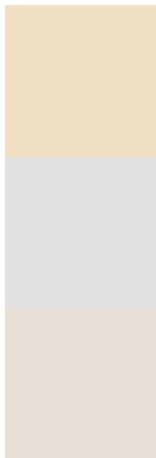
Deuteranomaly

225.7610, -14.1792, 21.2576

Tritanomaly

226.1760, -3.5378, 14.7546

Monochromacy



Original Color

224.7770, -15.1731, 13.3506

Achromatopsia

225.0000, 0.0000, 0.0000

Achromatomaly

224.6540, -5.2524, 4.6884

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.7770, -15.1731, 13.3506 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(240, 223, 194)` looks like.

```
.text, #text, p{  
    color:rgb(240, 223, 194)  
}
```

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(240, 223, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 223, 194) }
```

Border

The CSS property to change the border of an element to YUV 224.7770, -15.1731, 13.3506 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(240, 223, 194) }
```


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

```
.border{ border-color:rgb(240, 223, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 223, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 223, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 223, 194);  
box-shadow:4px 4px 4px 4px rgb(240, 223,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 224.7770, -15.1731, 13.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 223, 194) }
```

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

```
.background{ background-color: rgb(240,  
223, 194) }
```

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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