

Converting Colors

YUV(237.0070, -20.7095,
15.7799)

Have a look what the booklet for
YUV(237.0070, -20.7095, 15.7799)
contains.

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Color

**YUV(237.0070, -20.7095,
15.7799)**

Conversions

Conversions Part 1

Format	Color
Hex	FFECC3
RGB	255, 236, 195
RGB Percent	100%, 93%, 76%
CMY	0.0000, 0.0745, 0.2353
CMYK	0.00, 0.07, 0.24, 0.00
HSL	41°, 100%, 88%
HSV	41°, 24%, 100%
XYZ	81.0858, 85.1910, 63.7996
YIQ	237.0070, 24.4850, -8.7230

Conversions

Conversions Part 2

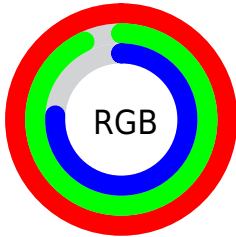
Format	Color
R_{YB}	223, 255, 195
Decimal	16772291
CIE _{Lab}	93.97, 0.22, 22.24
CIE _{LCh}	94, 22.238, 89.426
Yxy	85.1910, 0.3524, 0.3703
Android (android.graphics.Color)	4294962371 (0xFFFFECC3)
YUV	237.0070, -20.7095, 15.7799
Hunter-Lab	92.2990, -4.7088, 23.6264

Details

The YUV color $237.0070, -20.7095, 15.7799$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $212.9930, 20.7095, -15.7799$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.6580, -1.3104, 0.2999$, and $180.9360, -19.6884, 14.9651$ is the 20% darker color. If you saturate the color by 10%, you get $229.4610, -29.3143, 22.3977$, and if you desaturate by 10%, it is $244.5530, -12.1046, 9.1620$.

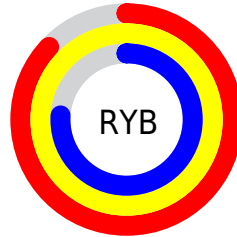
Distribution



Red (100%)

Green (93%)

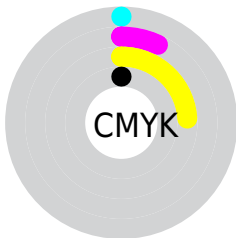
Blue (76%)



Red (87%)

Yellow (100%)

Blue (76%)

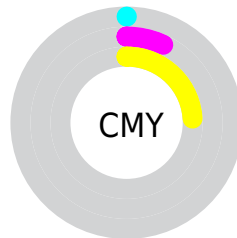


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.0070, -20.7095, 15.7799 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 237.0070, -20.7095, 15.7799 by changing the saturation by 10% instead.

237.0070,
-20.7095, 15.7799

237.0070,
-20.7095, 15.7799

255.0000, 0.0000,
0.0000

208.8220,
-20.1252, 15.0651

254.6580, -1.3104,
0.2999

180.9360,
-19.6884, 14.9651

154.3380,
-19.3936, 13.7356

128.2670,
-18.3726, 12.9208

103.0820,
-17.7884, 12.2061

78.8970, -17.2042,
11.4913

55.5270, -16.0358,

10.0618

■ 34.0000, -16.7620,
9.6470

■ 13.6110, -6.7102,
5.6032

■ 237.0070,
-20.7095, 15.7799

■ 237.0070,
-20.7095, 15.7799

■ 229.4610,
-29.3143, 22.3977

■ 244.5530,
-12.1046, 9.1620

■ 221.8010,
-38.3559, 29.1155

■ 252.2130, -3.0630,
2.4442

■ 214.2550,
-46.9607, 35.7334

255.0000, 0.0000,
0.0000

■ 206.5950,
-56.0023, 42.4512

■ 198.9350,
-65.0440, 49.1690

■ 191.3890,
-73.6488, 55.7868

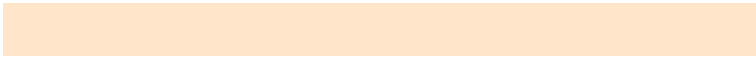
■ 183.1420,
-82.4010, 63.0195

■ 178.3830,
-87.9428, 67.1931

Harmonies

Analogous

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



233.5820, -16.0629, 18.7836



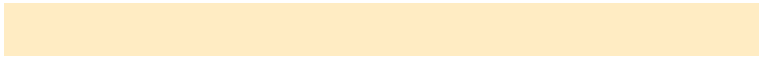
237.0070, -20.7095, 15.7799



234.5100, -17.0134, -3.0783

Triad

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



237.0070, -20.7095, 15.7799



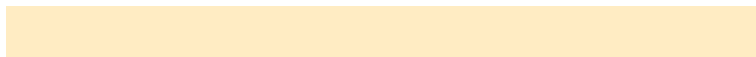
229.0530, 12.7919, -43.0195



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.



237.0070, -20.7095, 15.7799



212.9930, 20.7095, -15.7799

Split Complementary

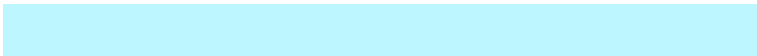
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.3130, 8.7197, 3.2335



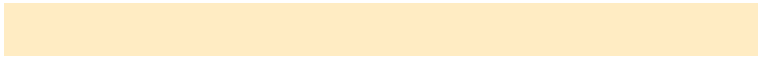
237.0070, -20.7095, 15.7799



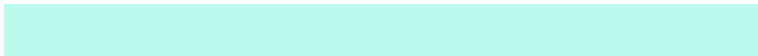
230.2820, 12.1860, -35.3273

Square

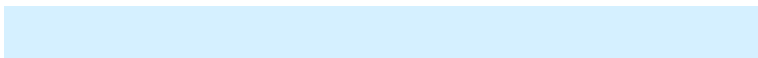
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.0070, -20.7095, 15.7799



229.8660, 3.0241, -36.7165



233.6370, 10.5320, -18.0986



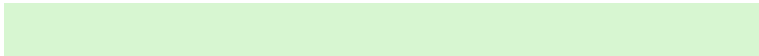
234.3920, 2.2717, 18.0732

Rectangle

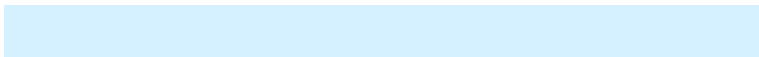
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237.0070, -20.7095, 15.7799



232.5130, -11.5919, -15.3589



233.6370, 10.5320, -18.0986



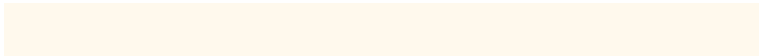
239.1510, 7.8136, 13.8996

Sweetspot

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



237.0070, -20.7095, 15.7799



249.4260, -6.1260, 4.8884



215.1060, -0.5453, 34.9870



124.3980, -3.6472, 3.1590



0.0000, 0.0000, 0.0000



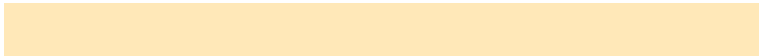
128.0000, 0.0000, 0.0000

Same Dimension

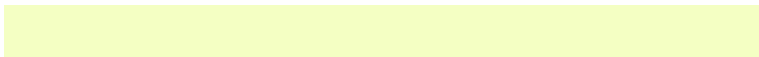
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.0070, -20.7095, 15.7799



233.4050, -24.3567, 18.9388



244.8710, -24.5864, -0.7639



123.5830, -4.2314, 3.8737



134.0060, -66.0650, 49.9837



44.9640, -22.1673, 16.6946

Inverse Universe

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



212.9930, 20.7095, -15.7799



205.0080, 24.6461, -18.4240



205.1290, 24.5864, 0.7639



118.8300, 4.5208, -3.3589



57.5810, 65.7756, -50.4985



19.0360, 22.1673, -16.6946

Previews

White Background



This preview shows how the YUV color 237.0070, -20.7095, 15.7799 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 237.0070, -20.7095, 15.7799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

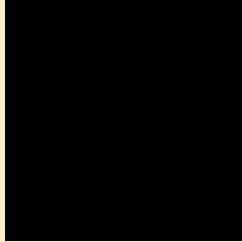
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 237.0070, -20.7095, 15.7799

Background



This preview shows how black text looks on a background with the YUV color 237.0070, -20.7095, 15.7799.



This preview shows how white text looks on a background with the YUV color 237.0070, -20.7095, 15.7799.

15.7799.

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

237.0070, -20.7095, 15.7799

Protanopia

236.5120, -19.9724, 12.7060

Deuteranopia

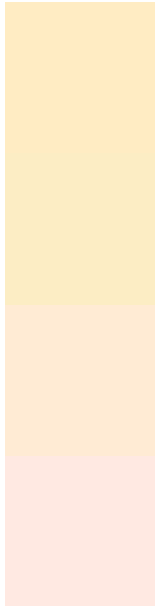
238.7970, -8.7739, 14.2100



Tritanopia

239.6580, 2.1406, 13.4549

Trichromacy



Original Color

237.0070, -20.7095, 15.7799

Protanomaly

236.8110, -20.1198, 13.3208

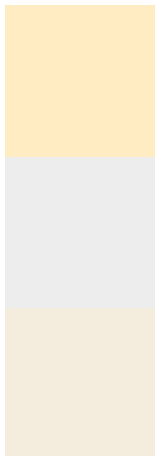
Deuteranomaly

238.3580, -12.9945, 14.5950

Tritanomaly

238.7800, -6.3005, 14.2249

Monochromacy



Original Color

237.0070, -20.7095, 15.7799

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

237.3830, -7.5838, 5.8031

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.0070, -20.7095, 15.7799 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, 236, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 195)  
}
```

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, 236, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 195) }
```

Border

The CSS property to change the border of an element to YUV 237.0070, -20.7095, 15.7799 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, 236, 195) }
```


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

```
.border{ border-color:rgb(255, 236, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 237.0070, -20.7095, 15.7799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 195) }
```

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

```
.background{ background-color: rgb(255,  
236, 195) }
```

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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