

Converting Colors

YUV(227.0930, -17.7938,
13.9504)

Have a look what the booklet for
YUV(227.0930, -17.7938, 13.9504)
contains.

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Color

**YUV(227.0930, -17.7938,
13.9504)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E2BF
RGB	243, 226, 191
RGB Percent	95%, 89%, 75%
CMY	0.0471, 0.1137, 0.2510
CMYK	0.00, 0.07, 0.21, 0.05
HSL	40°, 68%, 85%
HSV	40°, 21%, 95%
XYZ	73.5625, 77.2090, 60.3159
YIQ	227.0930, 21.3670, -7.2810

Conversions

Conversions Part 2

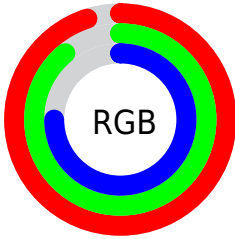
Format	Color
R_{YB}	216, 243, 191
Decimal	15983295
CIE Lab	90.42, 0.37, 19.22
CIE LCh	90, 19.227, 88.898
Yxy	77.2090, 0.3485, 0.3658
Android (android.graphics.Color)	4294173375 (0xFFFF3E2BF)
YUV	227.0930, -17.7938, 13.9504
Hunter-Lab	87.8686, -4.3323, 20.8095

Details

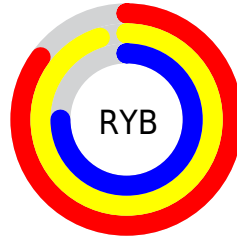
The YUV color $227.0930, -17.7938, 13.9504$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $206.9070, 17.7938, -13.9504$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.0880, -3.4944, 0.7998$, and $171.6090, -17.0622, 12.6209$ is the 20% darker color. If you saturate the color by 10%, you get $219.6610, -25.9619, 20.4683$, and if you desaturate by 10%, it is $234.5250, -9.6258, 7.4326$.

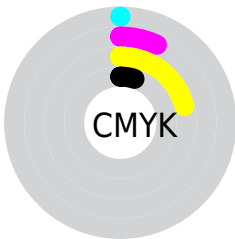
Distribution



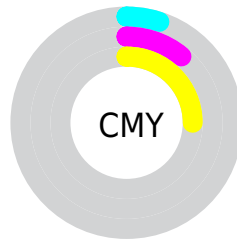
- Red (95%)
- Green (89%)
- Blue (75%)



- Red (85%)
- Yellow (95%)
- Blue (75%)



- Cyan (0%)
- Magenta (7%)
- Yellow (21%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.0930, -17.7938, 13.9504 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 227.0930, -17.7938, 13.9504 by changing the saturation by 10% instead.

■ 227.0930,
-17.7938, 13.9504

■ 227.0930,
-17.7938, 13.9504

255.0000, 0.0000,
0.0000

■ 198.9080,
-17.2096, 13.2357

■ 254.0880, -3.4944,
0.7998

■ 171.6090,
-17.0622, 12.6209

■ 144.8370,
-16.1886, 12.4210

■ 119.5380,
-16.0412, 11.8062

■ 94.4670, -15.0202,
10.9914

■ 70.9830, -14.2886,
9.6619

■ 47.7980, -13.7044,

8.9472

■ 26.9120, -13.2676,
8.8472

■ 1.4840, -0.7316,
1.3295

■ 227.0930,
-17.7938, 13.9504

■ 227.0930,
-17.7938, 13.9504

■ 219.6610,
-25.9619, 20.4683

■ 234.5250, -9.6258,
7.4326

■ 212.1150,
-34.5667, 27.0861

■ 242.0710, -1.0210,
0.8147

■ 204.6830,
-42.7347, 33.6040

■ 248.4770, 3.2158,
-4.8033

■ 197.2510,
-50.9027, 40.1219

■ 251.4120, 1.7689,
-7.3773

■ 189.8190,
-59.0708, 46.6397

■ 182.2730,
-67.6756, 53.2576

■ 174.8410,
-75.8436, 59.7754

■ 168.9250,
-83.2800, 64.9638

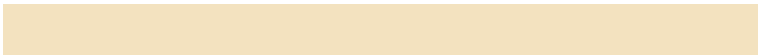
Harmonies

Analogous

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



227.8430, -15.2056, 23.8167



227.0930, -17.7938, 13.9504



225.0910, -14.8349, -1.8338

Triad

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



227.0930, -17.7938, 13.9504



221.1570, 11.7546, -36.9717



231.1730, 7.8027, 17.3883

Complementary

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



227.0930, -17.7938, 13.9504



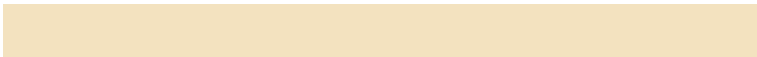
206.9070, 17.7938, -13.9504

Split Complementary

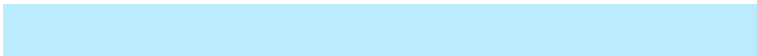
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.7410, 12.9457, 1.1041



227.0930, -17.7938, 13.9504



222.9280, 15.8115, -31.5089

Square

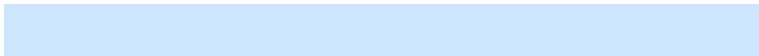
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.0930, -17.7938, 13.9504



220.7850, 2.5710, -31.3834



225.0870, 14.7471, -16.7393



228.5560, 0.2189, 23.1914

Rectangle

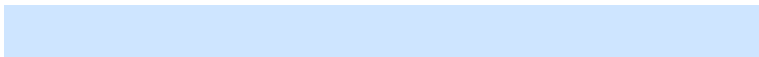
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.0930, -17.7938, 13.9504



223.5780, -10.1450, -12.7849



225.0870, 14.7471, -16.7393



230.5360, 10.5818, 12.6849

Sweetspot

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



227.0930, -17.7938, 13.9504



250.3550, -5.1050, 4.0737



208.4860, -0.2396, 30.2688



125.2130, -3.0630, 2.4442



0.0000, 0.0000, 0.0000



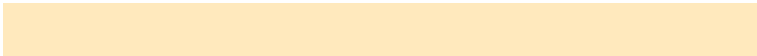
128.0000, 0.0000, 0.0000

Same Dimension

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



227.0930, -17.7938, 13.9504



234.5620, -22.4621, 17.9241



234.3810, -21.3868, -0.3341



118.2840, -4.0840, 3.2589



128.9890, -63.5916, 49.9986



40.5340, -19.9833, 16.1947

Inverse Universe

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



206.9070, 17.7938, -13.9504



208.8510, 22.7515, -17.4093



199.6190, 21.3868, 0.3341



113.7160, 4.0840, -3.2589



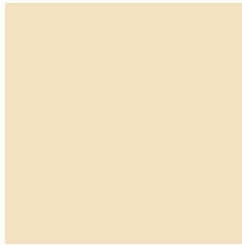
57.0110, 63.5916, -49.9986



17.8790, 20.2727, -15.6799

Previews

White Background



This preview shows how the YUV color 227.0930, -17.7938, 13.9504 looks on a white background.

Color Contrast Check

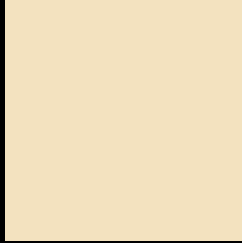
Large Text (above 18pt) WCAG AA × Fail

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 227.0930, -17.7938, 13.9504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

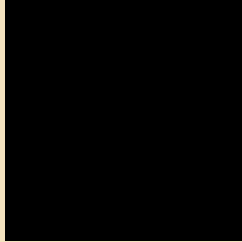
Any Text WCAG AA ✓ Pass

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 227.0930, -17.7938, 13.9504 Background



This preview shows how black text looks on a background with the YUV color 227.0930, -17.7938, 13.9504.



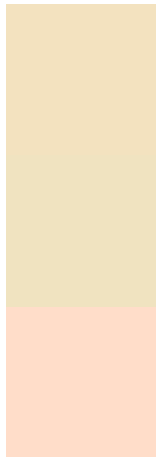
This preview shows how white text looks on a background with the YUV color 227.0930, -17.7938, 13.9504.

13.9504.

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

227.0930, -17.7938, 13.9504

Protanopia

226.8970, -17.2042, 11.4913

Deuteranopia

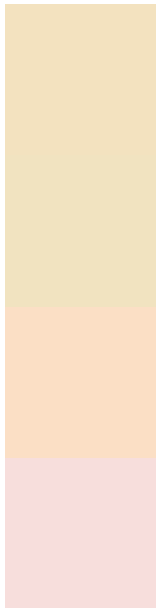
228.8860, -13.7478, 22.9020



Tritanopia

230.6090, 3.1508, 16.1289

Trichromacy



Original Color

227.0930, -17.7938, 13.9504

Protanomaly

227.1960, -17.3516, 12.1061

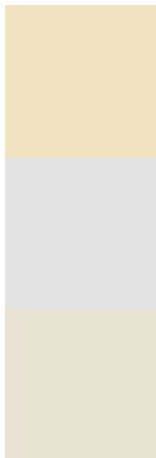
Deuteranomaly

228.4080, -15.4841, 19.8132

Tritanomaly

229.2470, -4.5588, 15.5694

Monochromacy



Original Color

227.0930, -17.7938, 13.9504

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.3120, -6.5628, 4.9884

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.0930, -17.7938, 13.9504 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(243, 226, 191)` looks like.

```
.text, #text, p{  
    color:rgb(243, 226, 191)  
}
```

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(243, 226, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 226, 191) }
```

Border

The CSS property to change the border of an element to YUV 227.0930, -17.7938, 13.9504 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(243, 226, 191) }
```


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

```
.border{ border-color:rgb(243, 226, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 226, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 226, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 226, 191);  
box-shadow:4px 4px 4px 4px rgb(243, 226,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 227.0930, -17.7938, 13.9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 226, 191) }
```

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

```
.background{ background-color: rgb(243,  
226, 191) }
```

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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