

Converting Colors

YUV(225.6430, -22.0090,
12.5911)

Have a look what the booklet for
YUV(225.6430, -22.0090, 12.5911)
contains.

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Color

**YUV(225.6430, -22.0090,
12.5911)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E3B5
RGB	240, 227, 181
RGB Percent	94%, 89%, 71%
CMY	0.0588, 0.1098, 0.2902
CMYK	0.00, 0.05, 0.25, 0.06
HSL	47°, 66%, 83%
HSV	47°, 25%, 94%
XYZ	71.7448, 76.7996, 54.7585
YIQ	225.6430, 22.5140, -11.5500

Conversions

Conversions Part 2

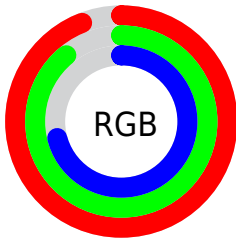
Format	Color
RYB	198, 240, 181
Decimal	15786933
CIELab	90.23, -2.63, 24.11
CIELCh	90, 24.249, 96.228
Yxy	76.7996, 0.3529, 0.3778
Android (android.graphics.Color)	4293977013 (0xFFFF0E3B5)
YUV	225.6430, -22.0090, 12.5911
Hunter-Lab	87.6354, -7.2288, 24.2977

Details

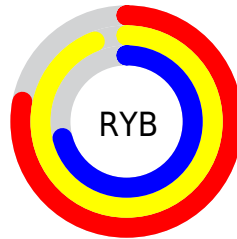
The YUV color **225.6430, -22.0090, 12.5911** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **195.3570, 22.0090, -12.5911**, and the grayscale version is **226.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.9480, -7.8624, 1.7996**, and **170.2730, -20.8406, 11.1616** is the 20% darker color. If you saturate the color by 10%, you get **219.9720, -31.0452, 17.5646**, and if you desaturate by 10%, it is **231.3140, -12.9728, 7.6176**.

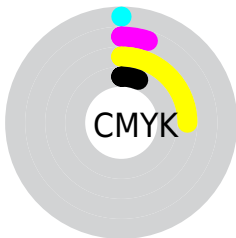
Distribution



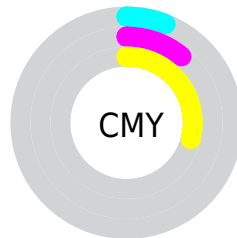
- Red (94%)
- Green (89%)
- Blue (71%)



- Red (78%)
- Yellow (94%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (25%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.6430, -22.0090, 12.5911 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 225.6430, -22.0090, 12.5911 by changing the saturation by 10% instead.

■ 225.6430,
-22.0090, 12.5911

■ 225.6430,
-22.0090, 12.5911

255.0000, 0.0000,
0.0000

■ 197.4580,
-21.4248, 11.8763

■ 252.9480, -7.8624,
1.7996

■ 170.2730,
-20.8406, 11.1616

■ 143.5010,
-19.9670, 10.9616

■ 118.2020,
-19.8196, 10.3468

■ 93.1310, -18.7986,
9.5321

■ 69.0600, -17.7776,
8.7174

■ 46.4620, -17.4828,

7.4878

■ 26.3030, -12.9674,
5.8733

■ 1.1740, -0.5788,
-1.0296

■ 225.6430,
-22.0090, 12.5911

■ 225.6430,
-22.0090, 12.5911

■ 219.9720,
-31.0452, 17.5646

■ 231.3140,
-12.9728, 7.6176

■ 213.7140,
-39.7920, 23.0528

■ 237.5720, -4.2260,
2.1294

■ 208.0430,
-48.8282, 28.0263

■ 243.2430, 4.8102,
-2.8441

■ 202.3720,
-57.8644, 32.9998

■ 246.4060, 4.2368,
-5.6181

■ 196.7010,
-66.9006, 37.9732

■ 249.3410, 2.7899,
-8.1921

■ 190.4430,
-75.6474, 43.4615

■ 250.5150, 2.2111,
-9.2217

■ 184.7720,
-84.6836, 48.4350

■ 181.5290,
-89.4938, 51.2791

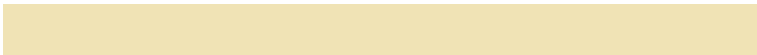
Harmonies

Analogous

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



225.8880, -20.1578, 25.5312



225.6430, -22.0090, 12.5911



222.8900, -16.7078, -7.7965

Triad

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



225.6430, -22.0090, 12.5911



218.2850, 17.6075, -47.6079



229.3200, 8.2232, 22.5214

Complementary

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



225.6430, -22.0090, 12.5911



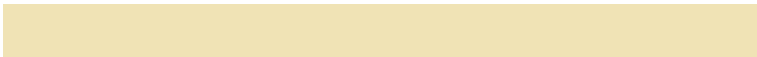
195.3570, 22.0090, -12.5911

Split Complementary

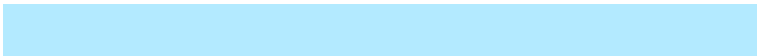
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.4860, 13.0714, 7.4668



225.6430, -22.0090, 12.5911



219.9490, 17.2801, -35.9123

Square

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



225.6430, -22.0090, 12.5911



218.3320, 6.2453, -43.2642



224.2120, 15.1785, -15.0949



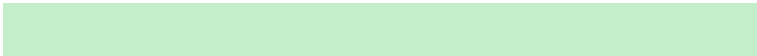
225.5240, -1.2443, 25.8505

Rectangle

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



225.6430, -22.0090, 12.5911



220.6370, -9.6810, -21.6066



224.2120, 15.1785, -15.0949



230.9930, 10.8495, 20.1771

Sweetspot

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



225.6430, -22.0090, 12.5911



250.6000, -6.7048, 3.8588



200.2370, -2.5818, 34.8722



124.9850, -3.9366, 2.6442



0.0000, 0.0000, 0.0000



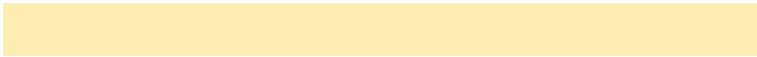
128.0000, 0.0000, 0.0000

Same Dimension

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



225.6430, -22.0090, 12.5911



236.3570, -28.2770, 16.3499



228.4900, -23.4126, -3.9377



116.8710, -4.3734, 2.7441



138.9570, -68.5058, 39.5027



42.5720, -20.9880, 11.7764

Inverse Universe

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



195.3570, 22.0090, -12.5911



197.0560, 28.5664, -15.8351



192.5100, 23.4126, 3.9377



111.1290, 4.3734, -2.7441



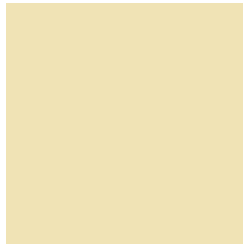
44.4560, 68.7952, -38.9879



13.4280, 20.9880, -11.7764

Previews

White Background



This preview shows how the YUV color 225.6430, -22.0090, 12.5911 looks on a white background.

Color Contrast Check

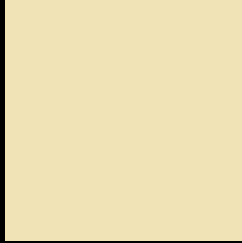
Large Text (above 18pt) WCAG AA × Fail

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 225.6430, -22.0090, 12.5911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

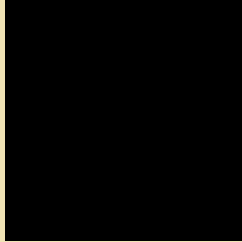
Any Text WCAG AA ✓ Pass

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 225.6430, -22.0090, 12.5911 Background



This preview shows how black text looks on a background with the YUV color 225.6430, -22.0090, 12.5911.

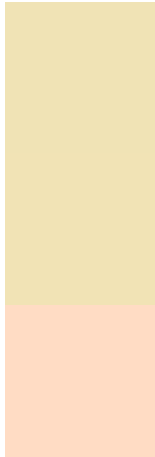


This preview shows how white text looks on a background with the YUV color 225.6430, -22.0090,

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

225.6430, -22.0090, 12.5911

Protanopia

225.9420, -22.1564, 13.2059

Deuteranopia

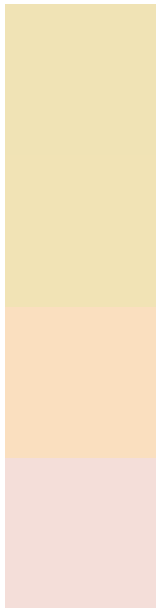
227.7290, -15.6424, 23.9167



Tritanopia

229.4240, 3.7350, 15.4142

Trichromacy



Original Color

225.6430, -22.0090, 12.5911

Protanomaly

225.9420, -22.1564, 13.2059

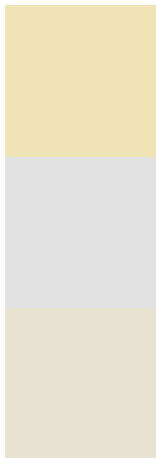
Deuteranomaly

227.4250, -17.9575, 19.7983

Tritanomaly

228.0080, -5.4269, 14.0250

Monochromacy



Original Color

225.6430, -22.0090, 12.5911

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

225.6710, -7.7258, 4.6735

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.6430, -22.0090, 12.5911 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, 227, 181)` looks like.

```
.text, #text, p{  
    color:rgb(240, 227, 181)  
}
```

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, 227, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 227, 181) }
```

Border

The CSS property to change the border of an element to YUV 225.6430, -22.0090, 12.5911 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, 227, 181) }
```


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

```
.border{ border-color:rgb(240, 227, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 227, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 227, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 227, 181);  
box-shadow:4px 4px 4px 4px rgb(240, 227,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 225.6430, -22.0090, 12.5911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 227, 181) }
```

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

```
.background{ background-color: rgb(240,  
227, 181) }
```

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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