

Converting Colors

YUV(233.2690, -24.7826,
15.5501)

Have a look what the booklet for
YUV(233.2690, -24.7826, 15.5501)
contains.

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Color

**YUV(233.2690, -24.7826,
15.5501)**

Conversions

Conversions Part 1

Format	Color
Hex	FBEAB7
RGB	251, 234, 183
RGB Percent	98%, 92%, 72%
CMY	0.0157, 0.0824, 0.2824
CMYK	0.00, 0.07, 0.27, 0.02
HSL	45°, 89%, 85%
HSV	45°, 27%, 98%
XYZ	77.7537, 82.7738, 56.6786
YIQ	233.2690, 26.5030, -12.2570

Conversions

Conversions Part 2

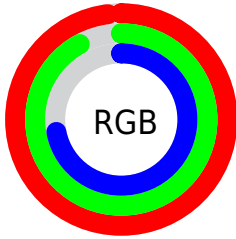
Format	Color
R _Y B	206, 251, 183
Decimal	16509623
CIE Lab	92.92, -1.84, 26.90
CIE LCh	93, 26.962, 93.908
Yxy	82.7738, 0.3580, 0.3811
Android (android.graphics.Color)	4294699703 (0xFFFBEAB7)
YUV	233.2690, -24.7826, 15.5501
Hunter-Lab	90.9801, -6.6649, 26.7497

Details

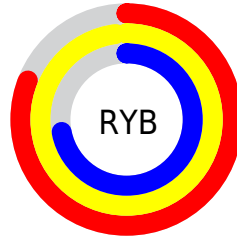
The YUV color $233.2690, -24.7826, 15.5501$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $200.7310, 24.7826, -15.5501$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.1760, -6.9888, 1.5996$, and $177.3120, -23.3248, 14.6354$ is the 20% darker color. If you saturate the color by 10%, you get $226.8970, -33.9662, 21.1383$, and if you desaturate by 10%, it is $239.6410, -15.5990, 9.9618$.

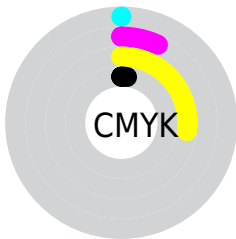
Distribution



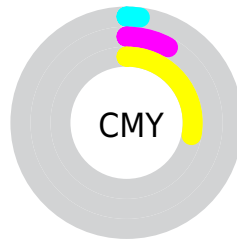
- Red (98%)
- Green (92%)
- Blue (72%)



- Red (81%)
- Yellow (98%)
- Blue (72%)



- Cyan (0%)
- Magenta (7%)
- Yellow (27%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.2690, -24.7826, 15.5501 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 233.2690, -24.7826, 15.5501 by changing the saturation by 10% instead.

■ 233.2690,
-24.7826, 15.5501

■ 233.2690,
-24.7826, 15.5501

255.0000, 0.0000,
0.0000

■ 205.0840,
-24.1984, 14.8353

■ 253.1760, -6.9888,
1.5996

■ 177.3120,
-23.3248, 14.6354

■ 150.7140,
-23.0300, 13.4058

■ 124.6430,
-22.0090, 12.5911

■ 99.4580, -21.4248,
11.8763

■ 75.3870, -20.4038,
11.0616

■ 52.4900, -19.9616,

9.2173

■ 31.6300, -15.5936,
8.2175

■ 10.6320, -5.2416,
1.1997

■ 233.2690,
-24.7826, 15.5501

■ 233.2690,
-24.7826, 15.5501

■ 226.8970,
-33.9662, 21.1383

■ 239.6410,
-15.5990, 9.9618

■ 219.9380,
-42.8604, 27.2414

■ 246.6000, -6.7048,
3.8588

■ 213.5660,
-52.0440, 32.8296

■ 252.6300, 1.1684,
-1.4295

■ 207.1940,
-61.2276, 38.4179

■ 253.8040, 0.5896,
-2.4591

■ 200.8220,
-70.4112, 44.0061

■ 193.7490,
-79.7423, 50.2091

■ 187.3770,
-88.9259, 55.7974

■ 185.4050,
-91.4047, 57.5268

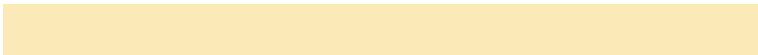
Harmonies

Analogous

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



229.8660, -20.1469, 22.0425



233.2690, -24.7826, 15.5501



230.2060, -19.3286, -7.1967

Triad

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



233.2690, -24.7826, 15.5501



223.0840, 15.7346, -53.5707



233.8680, 10.4181, 18.5328

Complementary

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



233.2690, -24.7826, 15.5501



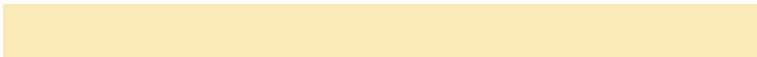
200.7310, 24.7826, -15.5501

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.



234.9760, 9.8718, 7.0370



233.2690, -24.7826, 15.5501



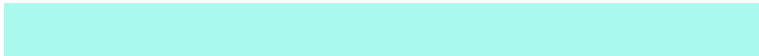
225.2210, 14.6810, -42.2898

Square

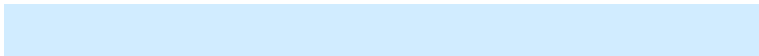
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.2690, -24.7826, 15.5501



224.5980, 6.1142, -47.8824



230.0930, 12.2792, -18.4986



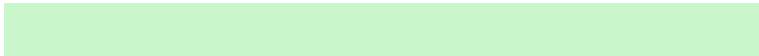
229.4850, 1.2399, 22.3767

Rectangle

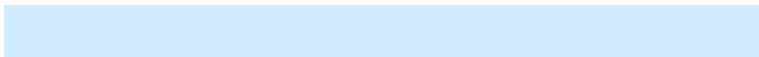
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.2690, -24.7826, 15.5501



227.9420, -12.2964, -22.7511



230.0930, 12.2792, -18.4986



235.6290, 9.5499, 16.9884

Sweetspot

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



233.2690, -24.7826, 15.5501



249.7850, -7.2890, 4.5736



205.2700, -2.5981, 40.1052



124.1700, -4.5208, 3.3589



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

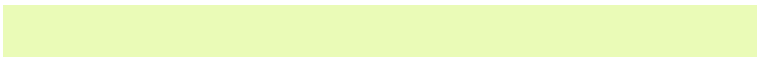
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.2690, -24.7826, 15.5501



233.0970, -30.6138, 19.2089



238.1650, -27.1963, -3.6527



121.7570, -4.8102, 2.8441



139.8650, -68.9534, 43.0914



45.2410, -22.3038, 13.8206

Inverse Universe

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



200.7310, 24.7826, -15.5501



192.9030, 30.6138, -19.2089



195.8350, 27.1963, 3.6527



115.8300, 4.5208, -3.3589



49.1350, 68.9534, -43.0914



15.7590, 22.3038, -13.8206

Previews

White Background



This preview shows how the YUV color 233.2690, -24.7826, 15.5501 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 233.2690, -24.7826, 15.5501 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 233.2690, -24.7826, 15.5501 Background



This preview shows how black text looks on a background with the YUV color 233.2690, -24.7826, 15.5501.

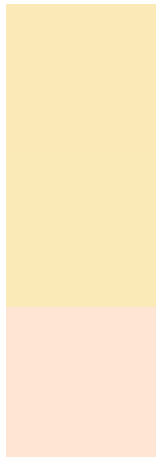


This preview shows how white text looks on a background with the YUV color 233.2690, -24.7826, 15.5501.

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

233.2690, -24.7826, 15.5501

Protanopia

232.9700, -24.6352, 14.9353

Deuteranopia

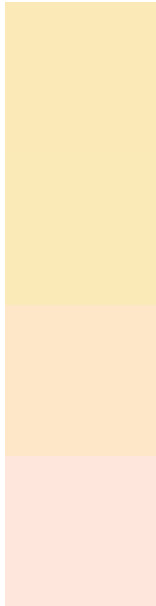
235.4230, -11.5475, 17.1690



Tritanopia

237.0820, 2.4246, 15.7141

Trichromacy



Original Color

233.2690, -24.7826, 15.5501

Protanomaly

232.9700, -24.6352, 14.9353

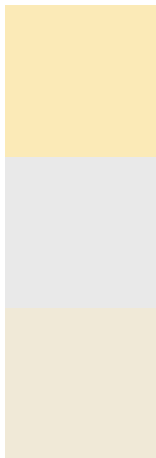
Deuteranomaly

234.4570, -16.4943, 17.1392

Tritanomaly

236.1500, -7.4689, 15.6545

Monochromacy



Original Color

233.2690, -24.7826, 15.5501

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.0410, -8.8942, 6.1030

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.2690, -24.7826, 15.5501 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(251, 234, 183)` looks like.

```
.text, #text, p{  
    color:rgb(251, 234, 183)  
}
```

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(251, 234, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 234, 183) }
```

Border

The CSS property to change the border of an element to YUV 233.2690, -24.7826, 15.5501 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(251, 234, 183) }
```


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

```
.border{ border-color:rgb(251, 234, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 234, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 234, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 234, 183);  
box-shadow:4px 4px 4px 4px rgb(251, 234,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 233.2690, -24.7826, 15.5501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 234, 183) }
```

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

```
.background{ background-color: rgb(251,  
234, 183) }
```

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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