

Converting Colors

YUV(230.4450, -15.0094,
7.5027)

Have a look what the booklet for
YUV(230.4450, -15.0094, 7.5027)
contains.

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Color

**YUV(230.4450, -15.0094,
7.5027)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE8C8
RGB	239, 232, 200
RGB Percent	94%, 91%, 78%
CMY	0.0627, 0.0902, 0.2157
CMYK	0.00, 0.03, 0.16, 0.06
HSL	49°, 55%, 86%
HSV	49°, 16%, 94%
XYZ	74.8785, 80.2341, 66.1838
YIQ	230.4450, 14.4440, -8.4680

Conversions

Conversions Part 2

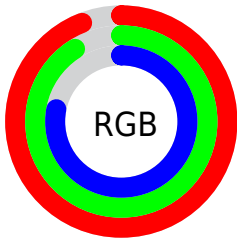
Format	Color
R_{YB}	209, 239, 200
Decimal	15722696
CIE _{Lab}	91.79, -2.82, 16.43
CIE _{LCh}	92, 16.667, 99.751
Yxy	80.2341, 0.3384, 0.3626
Android (android.graphics.Color)	4293912776 (0xFFEFE8C8)
YUV	230.4450, -15.0094, 7.5027
Hunter-Lab	89.5735, -7.5373, 18.8934

Details

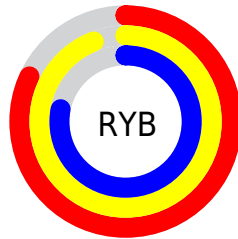
The YUV color $230.4450, -15.0094, 7.5027$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $208.5550, 15.0094, -7.5027$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $174.6730, -14.1358, 7.3028$ is the 20% darker color. If you saturate the color by 10%, you get $225.3610, -24.3350, 11.9614$, and if you desaturate by 10%, it is $235.5290, -5.6838, 3.0441$.

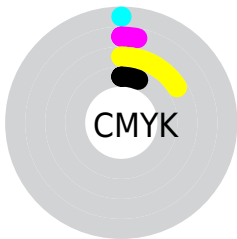
Distribution



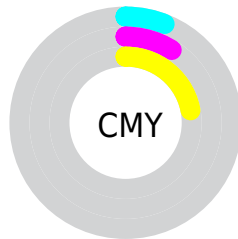
- Red (94%)
- Green (91%)
- Blue (78%)



- Red (82%)
- Yellow (94%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (16%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.4450, -15.0094, 7.5027 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 230.4450, -15.0094, 7.5027 by changing the saturation by 10% instead.

■ 230.4450,
-15.0094, 7.5027

■ 230.4450,
-15.0094, 7.5027

255.0000, 0.0000,
0.0000

■ 202.5590,
-14.5726, 7.4028

■ 174.6730,
-14.1358, 7.3028

■ 148.3740,
-13.9884, 6.6880

■ 122.4880,
-13.5516, 6.5880

■ 97.4170, -12.5306,
5.7733

■ 73.5310, -12.0938,
5.6733

■ 51.0470, -11.3622,

4.3438

■ 29.4770, -13.5462,
4.8437

■ 5.5930, -2.7573,
-2.2741

■ 230.4450,
-15.0094, 7.5027

■ 230.4450,
-15.0094, 7.5027

■ 225.3610,
-24.3350, 11.9614

■ 235.5290, -5.6838,
3.0441

■ 219.6900,
-33.3712, 16.9349

■ 241.2000, 3.3524,
-1.9294

■ 214.6060,
-42.6968, 21.3935

■ 244.3460, 5.2524,
-4.6884

■ 209.5220,
-52.0223, 25.8522

■ 246.6940, 4.0949,
-6.7476

■ 204.5520,
-60.9111, 30.2109

■ 249.0420, 2.9373,
-8.8068

■ 198.8810,
-69.9473, 35.1844

■ 250.2160, 2.3585,
-9.8364

■ 193.7970,
-79.2729, 39.6430

■ 188.7130,
-88.5985, 44.1017

■ 186.5130,
-91.9509, 46.0311

Harmonies

Analogous

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



232.5220, -15.0473, 19.7132



230.4450, -15.0094, 7.5027



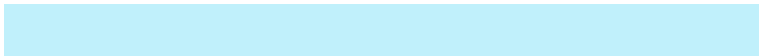
228.7960, -10.7454, -6.8371

Triad

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



230.4450, -15.0094, 7.5027



226.9020, 11.8803, -30.6091



234.2610, 4.3083, 18.1881

Complementary

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



230.4450, -15.0094, 7.5027



208.5550, 15.0094, -7.5027

Split Complementary

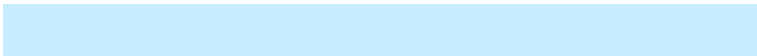
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.7910, 10.4560, 6.3223



230.4450, -15.0094, 7.5027



228.0000, 13.3110, -22.8020

Square

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



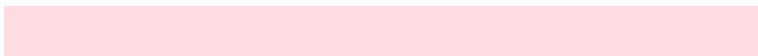
230.4450, -15.0094, 7.5027



225.7790, 5.0390, -29.6242



230.7460, 11.9572, -8.5472



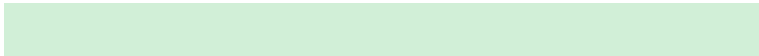
231.8500, -2.3910, 20.3026

Rectangle

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



230.4450, -15.0094, 7.5027



227.2940, -6.0609, -16.0438



230.7460, 11.9572, -8.5472



234.5210, 6.6451, 15.3291

Sweetspot

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



230.4450, -15.0094, 7.5027



252.3440, -5.0996, 2.3293



212.4590, -2.6913, 23.2765



125.9140, -2.9156, 1.8294



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.



230.4450, -15.0094, 7.5027



243.9030, -19.6722, 9.7321



230.9660, -15.2662, -3.4782



117.4580, -4.6628, 2.2293



143.6530, -70.8209, 35.3843



43.7460, -21.5668, 10.7468

Inverse Universe

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



208.5550, 15.0094, -7.5027



215.0970, 19.6722, -9.7321



208.0340, 15.2662, 3.4782



110.5420, 4.6628, -2.2293



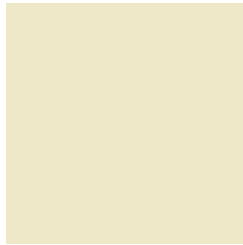
40.3470, 70.8209, -35.3843



12.2540, 21.5668, -10.7468

Previews

White Background



This preview shows how the YUV color 230.4450, -15.0094, 7.5027 looks on a white background.

Color Contrast Check

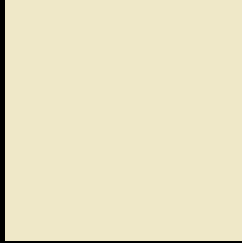
Large Text (above 18pt) WCAG AA × Fail

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 230.4450, -15.0094, 7.5027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

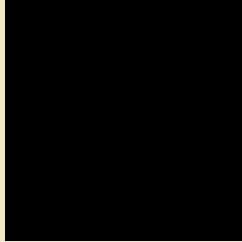
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

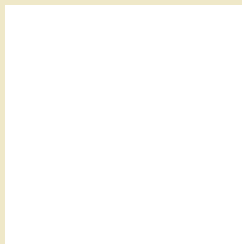
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.4450, -15.0094, 7.5027

Background



This preview shows how black text looks on a background with the YUV color 230.4450, -15.0094, 7.5027.



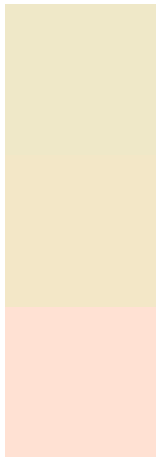
This preview shows how white text looks on a background with the YUV color 230.4450, -15.0094, 7.5027.

7.5027.

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

230.4450, -15.0094, 7.5027

Protanopia

230.9400, -15.7464, 10.5766

Deuteranopia

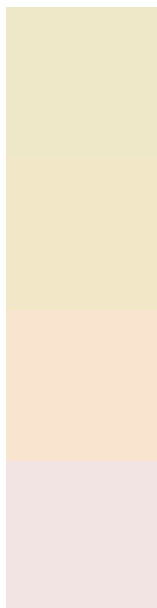
232.3740, -10.5374, 19.8430



Tritanopia

233.7330, 5.0616, 9.8812

Trichromacy



Original Color

230.4450, -15.0094, 7.5027

Protanomaly

230.6410, -15.5990, 9.9618

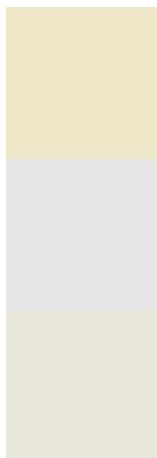
Deuteranomaly

231.8850, -12.2683, 15.0099

Tritanomaly

232.4850, -2.2111, 9.2217

Monochromacy



Original Color

230.4450, -15.0094, 7.5027

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

230.2300, -5.5364, 2.4293

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.4450, -15.0094, 7.5027 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(239, 232, 200)` looks like.

```
.text, #text, p{  
    color:rgb(239, 232, 200)  
}
```

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(239, 232, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 232, 200) }
```

Border

The CSS property to change the border of an element to YUV 230.4450, -15.0094, 7.5027 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(239, 232, 200) }
```


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

```
.border{ border-color:rgb(239, 232, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 232, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 232, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 232, 200);  
box-shadow:4px 4px 4px 4px rgb(239, 232,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 230.4450, -15.0094, 7.5027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 232, 200) }
```

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

```
.background{ background-color: rgb(239,  
232, 200) }
```

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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