

Converting Colors

YUV(224.8040, -16.1724,
7.1879)

Have a look what the booklet for
YUV(224.8040, -16.1724, 7.1879)
contains.

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Color

**YUV(224.8040, -16.1724,
7.1879)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E3C0
RGB	233, 227, 192
RGB Percent	91%, 89%, 75%
CMY	0.0863, 0.1098, 0.2471
CMYK	0.00, 0.03, 0.18, 0.09
HSL	51°, 48%, 83%
HSV	51°, 18%, 91%
XYZ	70.5878, 76.0676, 60.8313
YIQ	224.8040, 14.8110, -9.6130

Conversions

Conversions Part 2

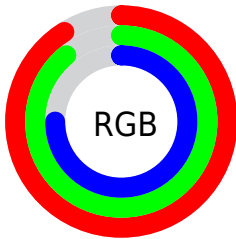
Format	Color
RYB	199, 233, 192
Decimal	15328192
CIELab	89.89, -3.63, 17.85
CIELCh	90, 18.214, 101.502
Yxy	76.0676, 0.3402, 0.3666
Android (android.graphics.Color)	4293518272 (0xFFE9E3C0)
YUV	224.8040, -16.1724, 7.1879
Hunter-Lab	87.2167, -8.1625, 19.6985

Details

The YUV color **224.8040, -16.1724, 7.1879** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **200.1960, 16.1724, -7.1879**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.2020, -3.0576, 0.6998**, and **169.6190, -15.5882, 6.4731** is the 20% darker color. If you saturate the color by 10%, you get **220.4210, -25.3506, 11.0318**, and if you desaturate by 10%, it is **229.1870, -6.9942, 3.3440**.

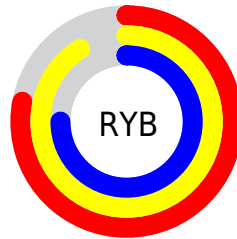
Distribution



Red (91%)

Green (89%)

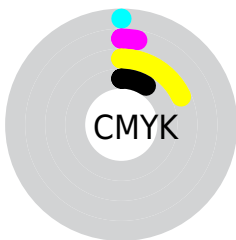
Blue (75%)



Red (78%)

Yellow (91%)

Blue (75%)

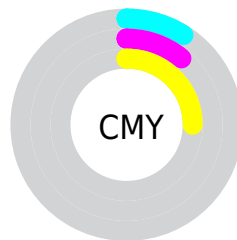


Cyan (0%)

Magenta (3%)

Yellow (18%)

Black (9%)



Cyan (9%)

Magenta (11%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.8040, -16.1724, 7.1879 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 224.8040, -16.1724, 7.1879 by changing the saturation by 10% instead.

■ 224.8040,
-16.1724, 7.1879

■ 224.8040,
-16.1724, 7.1879

255.0000, 0.0000,
0.0000

■ 196.9180,
-15.7356, 7.0879

■ 254.2020, -3.0576,
0.6998

■ 169.6190,
-15.5882, 6.4731

■ 142.8470,
-14.7146, 6.2732

■ 117.5480,
-14.5672, 5.6584

■ 92.7760, -13.6936,
5.4584

■ 68.8900, -13.2568,
5.3585

■ 46.4060, -12.5252,

4.0289

■ 25.7050, -12.6726,
4.6437

■ 0.0000, 0.0000,
0.0000

■ 224.8040,
-16.1724, 7.1879

■ 224.8040,
-16.1724, 7.1879

■ 220.4210,
-25.3506, 11.0318

■ 229.1870, -6.9942,
3.3440

■ 215.3370,
-34.6761, 15.4905

■ 234.2710, 2.3314,
-1.1147

■ 210.9540,
-43.8543, 19.3343

■ 237.8560, 8.4520,
-4.2587

■ 205.9840,
-52.7431, 23.6930

■ 240.2040, 7.2944,
-6.3179

■ 201.6010,
-61.9213, 27.5369

■ 241.9650, 6.4263,
-7.8623

■ 197.1040,
-71.5363, 31.4808

■ 243.7260, 5.5581,
-9.4067

■ 192.1340,
-80.4251, 35.8395

■ 246.0740, 4.4005,
-11.4659

■ 187.7510,
-89.6032, 39.6834

■ 247.8350, 3.5323,
-13.0103

■ 186.4800,
-91.9346, 40.7980

■ 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



226.5930, -16.0683, 20.5279



224.8040, -16.1724, 7.1879



222.6710, -11.1768, -8.4815

Triad

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



224.8040, -16.1724, 7.1879



220.6350, 13.4909, -33.8829



229.5820, 4.1501, 22.2916

Complementary

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



224.8040, -16.1724, 7.1879



200.1960, 16.1724, -7.1879

Split Complementary

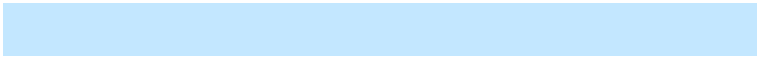
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.4430, 11.6136, 8.3815



224.8040, -16.1724, 7.1879



222.9720, 15.7898, -24.5314

Square

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



224.8040, -16.1724, 7.1879



219.6970, 6.0654, -32.1833



225.7290, 14.4306, -8.5323



226.9430, -3.4229, 24.6060

Rectangle

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



224.8040, -16.1724, 7.1879



221.5710, -6.1975, -18.9178



225.7290, 14.4306, -8.5323



229.2440, 6.7817, 18.2030

Sweetspot

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



224.8040, -16.1724, 7.1879



252.3440, -5.0996, 2.3293



204.9430, -3.4229, 24.6060



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.



224.8040, -16.1724, 7.1879



244.1480, -21.2720, 9.5172



224.1400, -15.8450, -4.5078



115.1590, -4.5154, 1.6146



145.1040, -71.5363, 31.4808



43.1480, -21.2720, 9.5172

Inverse Universe

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



200.1960, 16.1724, -7.1879



211.8520, 21.2720, -9.5172



200.8600, 15.8450, 4.5078



107.8410, 4.5154, -1.6146



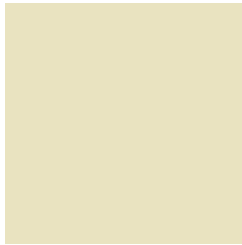
35.8960, 71.5363, -31.4808



10.8520, 21.2720, -9.5172

Previews

White Background



This preview shows how the YUV color 224.8040, -16.1724, 7.1879 looks on a white background.

Color Contrast Check

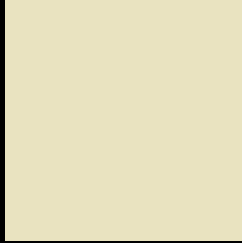
Large Text (above 18pt) WCAG AA × Fail

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 224.8040, -16.1724, 7.1879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

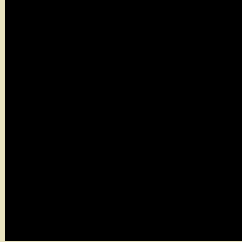
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

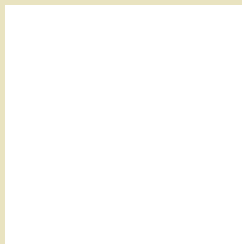
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 224.8040, -16.1724, 7.1879

Background



This preview shows how black text looks on a background with the YUV color 224.8040, -16.1724, 7.1879.



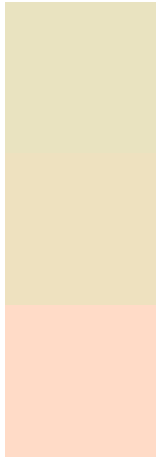
This preview shows how white text looks on a background with the YUV color 224.8040, -16.1724, 7.1879.

7.1879.

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

224.8040, -16.1724, 7.1879

Protanopia

225.0110, -16.7674, 11.3914

Deuteranopia

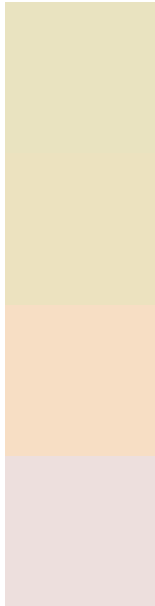
227.4840, -14.0426, 24.1315



Tritanopia

228.3200, 4.7722, 9.3664

Trichromacy



Original Color

224.8040, -16.1724, 7.1879

Protanomaly

225.0000, -16.7620, 9.6470

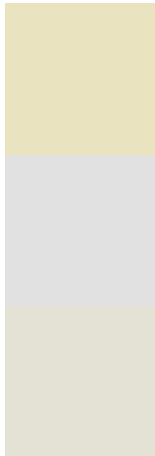
Deuteranomaly

226.5110, -15.0419, 17.9689

Tritanomaly

226.9580, -2.9373, 8.8068

Monochromacy



Original Color

224.8040, -16.1724, 7.1879

Achromatopsia

225.0000, 0.0000, 0.0000

Achromatomaly

225.1160, -5.9732, 2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.8040, -16.1724, 7.1879 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(233, 227, 192)` looks like.

```
.text, #text, p{  
    color:rgb(233, 227, 192)  
}
```

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(233, 227, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 227, 192) }
```

Border

The CSS property to change the border of an element to YUV 224.8040, -16.1724, 7.1879 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(233, 227, 192) }
```


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

```
.border{ border-color:rgb(233, 227, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 227, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 227, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 227, 192);  
box-shadow:4px 4px 4px 4px rgb(233, 227,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 224.8040, -16.1724, 7.1879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 227, 192) }
```

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

```
.background{ background-color: rgb(233,  
227, 192) }
```

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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