

Converting Colors

YUV(224.0170, -19.2354,
9.6321)

Have a look what the booklet for
YUV(224.0170, -19.2354, 9.6321)
contains.

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Color

**YUV(224.0170, -19.2354,
9.6321)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE2B9
RGB	235, 226, 185
RGB Percent	92%, 89%, 73%
CMY	0.0784, 0.1137, 0.2745
CMYK	0.00, 0.04, 0.21, 0.08
HSL	49°, 56%, 82%
HSV	49°, 21%, 92%
XYZ	70.2143, 75.5577, 56.7823
YIQ	224.0170, 18.5250, -10.8430

Conversions

Conversions Part 2

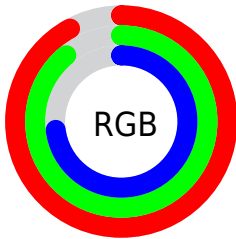
Format	Color
RYB	196, 235, 185
Decimal	15459001
CIELab	89.65, -3.41, 21.18
CIELCh	90, 21.451, 99.146
Yxy	75.5577, 0.3466, 0.3730
Android (android.graphics.Color)	4293649081 (0xFFEBE2B9)
YUV	224.0170, -19.2354, 9.6321
Hunter-Lab	86.9239, -7.9304, 22.1160

Details

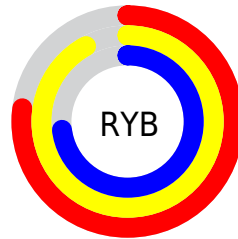
The YUV color $224.0170, -19.2354, 9.6321$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $195.9830, 19.2354, -9.6321$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.4040, -6.1152, 1.3997$, and $168.9460, -18.2144, 8.8174$ is the 20% darker color. If you saturate the color by 10%, you get $219.0470, -28.1242, 13.9908$, and if you desaturate by 10%, it is $229.1010, -9.9098, 5.1734$.

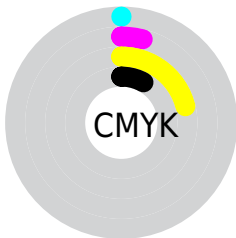
Distribution



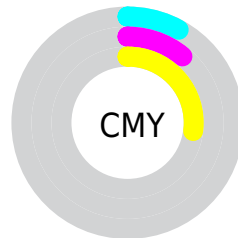
- Red (92%)
- Green (89%)
- Blue (73%)



- Red (77%)
- Yellow (92%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.0170, -19.2354, 9.6321 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 224.0170, -19.2354, 9.6321 by changing the saturation by 10% instead.

■ 224.0170,
-19.2354, 9.6321

■ 224.0170,
-19.2354, 9.6321

255.0000, 0.0000,
0.0000

■ 196.1310,
-18.7986, 9.5321

■ 253.4040, -6.1152,
1.3997

■ 168.9460,
-18.2144, 8.8174

■ 142.0600,
-17.7776, 8.7174

■ 116.8750,
-17.1934, 8.0026

■ 91.8040, -16.1724,
7.1879

■ 68.5050, -16.0250,
6.5731

■ 45.4340, -15.0040,

5.7584

■ 25.1180, -12.3832,
5.1585

■ 0.0000, 0.0000,
0.0000

■ 224.0170,
-19.2354, 9.6321

■ 224.0170,
-19.2354, 9.6321

■ 219.0470,
-28.1242, 13.9908

■ 229.1010, -9.9098,
5.1734

■ 213.9630,
-37.4498, 18.4494

■ 234.0710, -1.0210,
0.8147

■ 208.4060,
-46.0492, 23.3229

■ 239.6280, 7.5784,
-4.0588

■ 203.3220,
-55.3747, 27.7816

■ 241.9760, 6.4208,
-6.1180

■ 198.3520,
-64.2635, 32.1403

■ 244.3240, 5.2633,
-8.1771

■ 193.2680,
-73.5891, 36.5990

■ 246.6720, 4.1057,
-10.2363

■ 187.7110,
-82.1885, 41.4725

■ 249.0200, 2.9481,
-12.2955

■ 183.5560,
-90.4931, 45.1164

Harmonies

Analogous

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



226.2300, -18.8474, 25.2313



224.0170, -19.2354, 9.6321



221.5740, -14.0870, -8.3964

Triad

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



224.0170, -19.2354, 9.6321



218.4600, 15.5492, -40.7454



228.6360, 5.6025, 23.1212

Complementary

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



224.0170, -19.2354, 9.6321



195.9830, 19.2354, -9.6321

Split Complementary

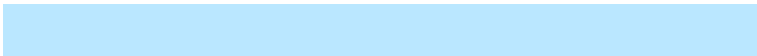
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.8990, 13.3608, 7.9816



224.0170, -19.2354, 9.6321



220.2810, 17.1165, -30.0644

Square

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



224.0170, -19.2354, 9.6321



217.4790, 6.6659, -38.1311



223.9350, 15.3150, -12.2210



225.1820, -2.5547, 26.1504

Rectangle

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



224.0170, -19.2354, 9.6321



219.8050, -7.7919, -20.8770



223.9350, 15.3150, -12.2210



229.1240, 8.8129, 20.0623

Sweetspot

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



224.0170, -19.2354, 9.6321



251.5290, -5.6838, 3.0441



200.9760, -3.4392, 29.8390



125.8000, -3.3524, 1.9294



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.



224.0170, -19.2354, 9.6321



240.4320, -25.3560, 12.7761



224.5160, -19.4814, -4.8375



114.5720, -4.2260, 2.1294



140.9950, -69.5105, 35.0844



41.9740, -20.6932, 10.5468

Inverse Universe

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



195.9830, 19.2354, -9.6321



203.5680, 25.3560, -12.7761



195.4840, 19.4814, 4.8375



108.4280, 4.2260, -2.1294



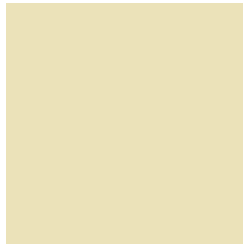
40.0050, 69.5105, -35.0844



12.0260, 20.6932, -10.5468

Previews

White Background



This preview shows how the YUV color 224.0170, -19.2354, 9.6321 looks on a white background.

Color Contrast Check

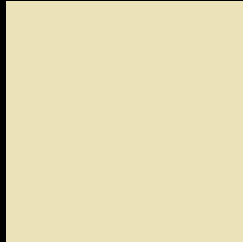
Large Text (above 18pt) WCAG AA × Fail

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 224.0170, -19.2354, 9.6321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

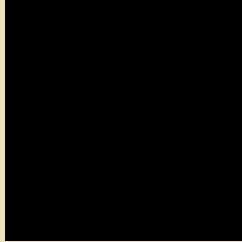
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

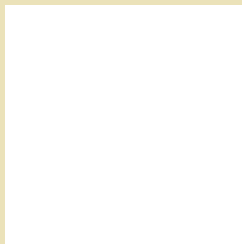
Any Text WCAG AAA ✓ Pass

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

YUV 224.0170, -19.2354, 9.6321 Background



This preview shows how black text looks on a background with the YUV color 224.0170, -19.2354, 9.6321.



This preview shows how white text looks on a background with the YUV color 224.0170, -19.2354, 9.6321.

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

224.0170, -19.2354, 9.6321

Protanopia

224.5120, -19.9724, 12.7060

Deuteranopia

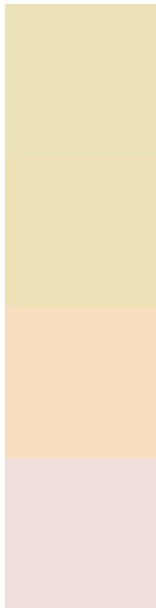
226.3270, -15.9372, 25.1462



Tritanopia

227.8150, 4.0352, 12.4402

Trichromacy



Original Color

224.0170, -19.2354, 9.6321

Protanomaly

224.2130, -19.8250, 12.0912

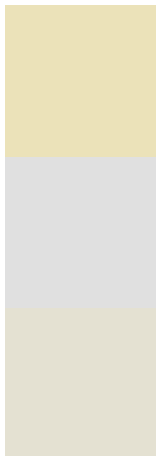
Deuteranomaly

225.6530, -17.0839, 19.5983

Tritanomaly

226.5130, -4.6899, 10.9511

Monochromacy



Original Color

224.0170, -19.2354, 9.6321

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

224.1870, -6.9942, 3.3440

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.0170, -19.2354, 9.6321 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(235, 226, 185)` looks like.

```
.text, #text, p{  
    color:rgb(235, 226, 185)  
}
```

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(235, 226, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 226, 185) }
```

Border

The CSS property to change the border of an element to YUV 224.0170, -19.2354, 9.6321 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(235, 226, 185) }
```


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

```
.border{ border-color:rgb(235, 226, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 226, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 226, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 226, 185); box-shadow:4px 4px 4px 4px rgb(235, 226, 185) }
```

Background

The CSS property to change the background color of an element to YUV 224.0170, -19.2354, 9.6321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 226, 185) }
```

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

```
.background{ background-color: rgb(235,  
226, 185) }
```

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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