

Converting Colors

YUV(222.3960, -30.7612,
19.8237)

Have a look what the booklet for
YUV(222.3960, -30.7612, 19.8237)
contains.

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Color

**YUV(222.3960, -30.7612,
19.8237)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DFA0
RGB	245, 223, 160
RGB Percent	96%, 87%, 63%
CMY	0.0392, 0.1255, 0.3725
CMYK	0.00, 0.09, 0.35, 0.04
HSL	44°, 81%, 79%
HSV	44°, 35%, 96%
XYZ	70.3890, 74.7259, 43.9713
YIQ	222.3960, 33.3350, -14.9290

Conversions

Conversions Part 2

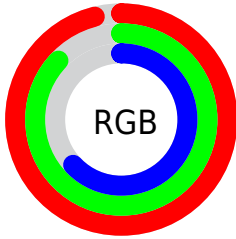
Format	Color
R_{YB}	190, 245, 160
Decimal	16113568
CIE Lab	89.26, -1.36, 33.66
CIE LCh	89, 33.686, 92.310
Yxy	74.7259, 0.3723, 0.3952
Android (android.graphics.Color)	4294303648 (0xFFF5DFA0)
YUV	222.3960, -30.7612, 19.8237
Hunter-Lab	86.4441, -5.9297, 30.3520

Details

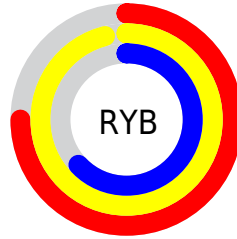
The YUV color $222.3960, -30.7612, 19.8237$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $182.6040, 30.7612, -19.8237$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.4400, -17.4719, 3.9991$, and $167.1400, -29.1560, 18.2942$ is the 20% darker color. If you saturate the color by 10%, you get $216.1380, -39.5080, 25.3120$, and if you desaturate by 10%, it is $228.7680, -21.5776, 14.2355$.

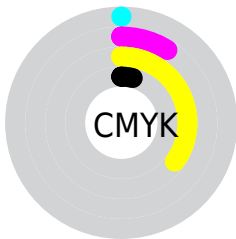
Distribution



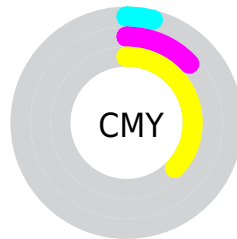
- Red (96%)
- Green (87%)
- Blue (63%)



- Red (75%)
- Yellow (96%)
- Blue (63%)



- Cyan (0%)
- Magenta (9%)
- Yellow (35%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.3960, -30.7612, 19.8237 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 222.3960, -30.7612, 19.8237 by changing the saturation by 10% instead.

■ 222.3960,
-30.7612, 19.8237

■ 222.3960,
-30.7612, 19.8237

255.0000, 0.0000,
0.0000

■ 194.2110,
-30.1770, 19.1090

■ 250.4400,
-17.4719, 3.9991

■ 167.1400,
-29.1560, 18.2942

■ 253.7460, -4.8048,
1.0998

■ 140.6560,
-28.4244, 16.9647

■ 114.5850,
-27.4034, 16.1500

■ 89.8020, -26.5244,
14.2056

■ 65.5030, -26.3770,
13.5909

■ 44.0450, -21.7142,

11.3615

■ 24.8300, -12.2412,
6.2881

■ 0.0000, 0.0000,
0.0000

■ 222.3960,
-30.7612, 19.8237

■ 222.3960,
-30.7612, 19.8237

■ 216.1380,
-39.5080, 25.3120

■ 228.7680,
-21.5776, 14.2355

■ 209.1790,
-48.4022, 31.4150

■ 235.6130,
-13.1202, 8.2324

■ 202.8070,
-57.5859, 37.0033

■ 241.9850, -3.9366,
2.6442

■ 196.5490,
-66.3327, 42.4915

■ 247.9010, 3.4998,
-2.5442

■ 189.5900,
-75.2269, 48.5946

■ 252.0100, 1.4741,
-6.1478

■ 183.3320,
-83.9737, 54.0828

■ 180.0890,
-88.7839, 56.9269

Harmonies

Analogous

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



219.8410, -25.5576, 30.8344



222.3960, -30.7612, 19.8237



218.8270, -24.5647, -7.7413

Triad

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



222.3960, -30.7612, 19.8237



208.2110, 23.0670, -72.0990



225.6500, 14.4696, 25.7400

Complementary

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



222.3960, -30.7612, 19.8237



182.6040, 30.7612, -19.8237

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.



224.6430, 14.9660, 6.4521



222.3960, -30.7612, 19.8237



210.9570, 21.7132, -57.8443

Square

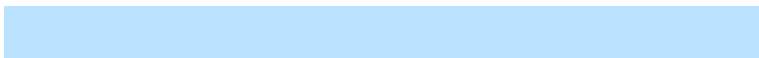
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.3960, -30.7612, 19.8237



209.6780, 8.0467, -61.1076



217.6450, 18.4160, -26.8757



219.6540, 1.6496, 30.9984

Rectangle

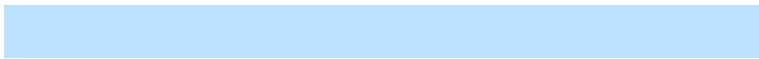
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.3960, -30.7612, 19.8237



215.9970, -15.7745, -27.1844



217.6450, 18.4160, -26.8757



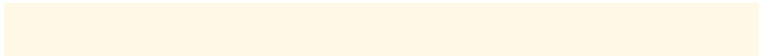
227.4110, 13.6014, 24.1956

Sweetspot

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



222.3960, -30.7612, 19.8237



248.0410, -8.8942, 6.1030



188.0370, -2.4832, 49.9566



123.8280, -5.8312, 3.6588



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.



222.3960, -30.7612, 19.8237



226.3660, -38.6344, 25.1120



229.3300, -34.1797, -3.7974



118.8710, -4.3734, 2.7441



136.6200, -67.3537, 43.3063



42.8820, -21.1408, 14.1355

Inverse Universe

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



182.6040, 30.7612, -19.8237



176.6340, 38.6344, -25.1120



175.6700, 34.1797, 3.7974



113.1290, 4.3734, -2.7441



49.3800, 67.3537, -43.3063



15.5310, 21.4302, -13.6207

Previews

White Background



This preview shows how the YUV color 222.3960, -30.7612, 19.8237 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 222.3960, -30.7612, 19.8237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

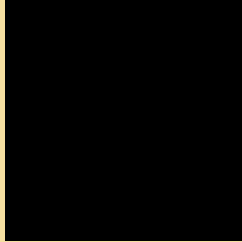
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 222.3960, -30.7612, 19.8237

Background



This preview shows how black text looks on a background with the YUV color 222.3960, -30.7612, 19.8237.



This preview shows how white text looks on a background with the YUV color 222.3960, -30.7612, 19.8237.

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

222.3960, -30.7612, 19.8237

Protanopia

222.0860, -30.6084, 17.4646

Deuteranopia

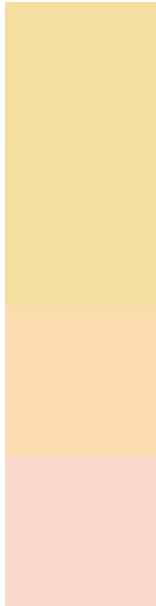
224.9590, -21.1788, 26.3460



Tritanopia

227.5990, 1.6767, 22.2767

Trichromacy



Original Color

222.3960, -30.7612, 19.8237

Protanomaly

222.3850, -30.7558, 18.0794

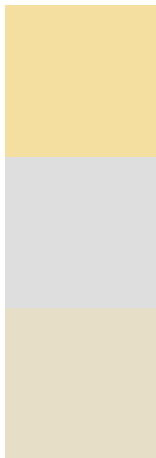
Deuteranomaly

224.0250, -24.6623, 23.6571

Tritanomaly

225.4990, -10.1060, 21.4874

Monochromacy



Original Color

222.3960, -30.7612, 19.8237

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.7700, -11.2256, 7.2177

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.3960, -30.7612, 19.8237 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(245, 223, 160)` looks like.

```
.text, #text, p{  
    color:rgb(245, 223, 160)  
}
```

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(245, 223, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 223, 160) }
```

Border

The CSS property to change the border of an element to YUV 222.3960, -30.7612, 19.8237 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(245, 223, 160) }
```


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

```
.border{ border-color:rgb(245, 223, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 223, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 223, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 223, 160);  
box-shadow:4px 4px 4px 4px rgb(245, 223,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 222.3960, -30.7612, 19.8237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 223, 160) }
```

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

```
.background{ background-color: rgb(245,  
223, 160) }
```

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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