

Converting Colors

YUV(228.8960, -12.2737,
16.7542)

Have a look what the booklet for
YUV(228.8960, -12.2737, 16.7542)
contains.

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Color

**YUV(228.8960, -12.2737,
16.7542)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E0CC
RGB	248, 224, 204
RGB Percent	97%, 88%, 80%
CMY	0.0275, 0.1216, 0.2000
CMYK	0.00, 0.10, 0.18, 0.03
HSL	27°, 76%, 89%
HSV	27°, 18%, 97%
XYZ	76.2661, 77.6274, 68.0907
YIQ	228.8960, 20.7240, -1.1320

Conversions

Conversions Part 2

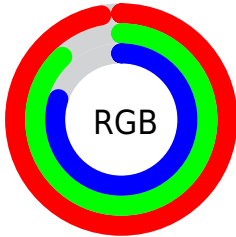
Format	Color
R _Y B	248, 241, 204
Decimal	16310476
CIE Lab	90.61, 5.10, 12.78
CIE LCh	91, 13.759, 68.247
Yxy	77.6274, 0.3436, 0.3497
Android (android.graphics.Color)	4294500556 (0xFFF8E0CC)
YUV	228.8960, -12.2737, 16.7542
Hunter-Lab	88.1064, 0.3259, 15.8538

Details

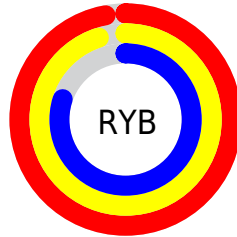
The YUV color $228.8960, -12.2737, 16.7542$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $223.1040, 12.2737, -16.7542$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.4120, -11.5421, 15.4247$ is the 20% darker color. If you saturate the color by 10%, you get $217.8280, -19.1422, 26.4608$, and if you desaturate by 10%, it is $239.9640, -5.4053, 7.0476$.

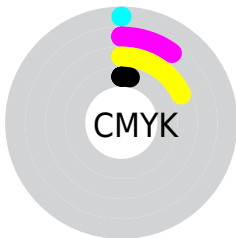
Distribution



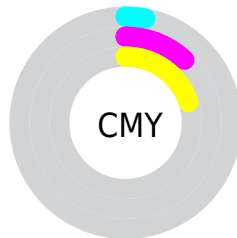
- Red (97%)
- Green (88%)
- Blue (80%)



- Red (97%)
- Yellow (95%)
- Blue (80%)



- Cyan (0%)
- Magenta (10%)
- Yellow (18%)
- Black (3%)



- Cyan (3%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.8960, -12.2737, 16.7542 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 228.8960, -12.2737, 16.7542 by changing the saturation by 10% instead.

228.8960,
-12.2737, 16.7542

228.8960,
-12.2737, 16.7542

255.0000, 0.0000,
0.0000

200.7110,
-11.6895, 16.0395

173.4120,
-11.5421, 15.4247

146.5260,
-11.1053, 15.3247

120.9280,
-10.8105, 14.0951

96.0420, -10.3737,
13.9952

72.4440, -10.0789,
12.7656

49.3730, -9.0579,

11.9509

■ 28.4330, -10.0735,
11.0213

■ 4.7840, -2.3585,
9.8364

■ 228.8960,
-12.2737, 16.7542

■ 228.8960,
-12.2737, 16.7542

■ 217.8280,
-19.1422, 26.4608

■ 239.9640, -5.4053,
7.0476

■ 207.3470,
-26.3001, 35.6527

■ 250.4450, 1.7526,
-2.1443

■ 196.3930,
-32.7317, 45.2593

■ 252.9070, 1.0318,
-4.3034

■ 185.9120,
-39.8896, 54.4512

■ 174.8440,
-46.7581, 64.1578

■ 164.3630,
-53.9160, 73.3496

■ 153.2950,
-60.7844, 83.0563

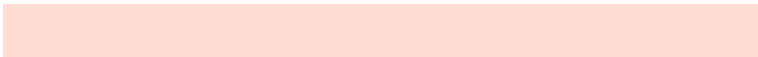
■ 142.9280,
-67.5055, 92.1481

■ 140.4830,
-69.2581, 94.2924

Harmonies

Analogous

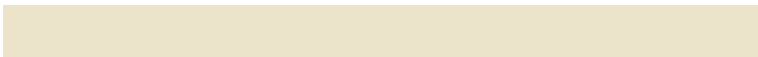
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.1400, -8.9430, 21.8022



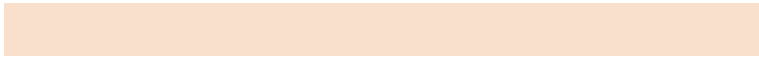
228.8960, -12.2737, 16.7542



227.1290, -12.3886, 6.9029

Triad

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



228.8960, -12.2737, 16.7542



223.7690, 3.5649, -23.4764



230.1390, 9.2985, 4.2631

Complementary

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



228.8960, -12.2737, 16.7542



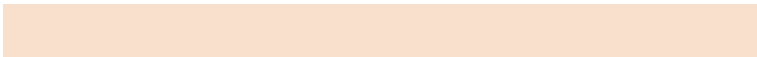
223.1040, 12.2737, -16.7542

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.



228.2730, 12.6834, -8.1324



228.8960, -12.2737, 16.7542



224.3650, 9.6801, -24.8761

Square

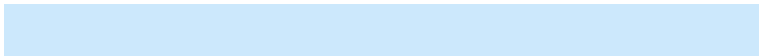
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.8960, -12.2737, 16.7542



224.3910, -3.1508, -16.1289



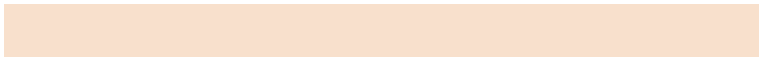
225.9080, 12.8634, -19.2133



230.7230, 3.5876, 16.0289

Rectangle

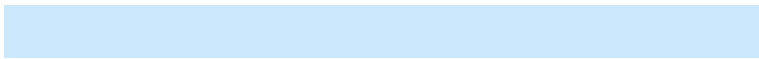
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.8960, -12.2737, 16.7542



226.2420, -10.4723, -1.0892



225.9080, 12.8634, -19.2133



229.4590, 10.6197, 0.4745

Sweetspot

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



228.8960, -12.2737, 16.7542



249.4090, -3.6526, 4.9033



219.8920, 3.9972, 24.6507



124.1530, -2.0474, 3.3738



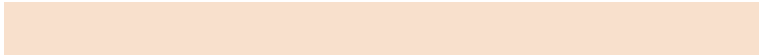
0.0000, 0.0000, 0.0000



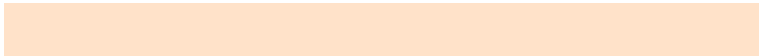
128.0000, 0.0000, 0.0000

Same Dimension

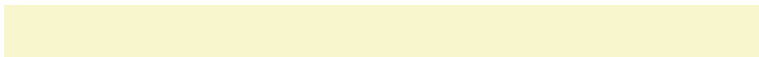
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.8960, -12.2737, 16.7542



231.8210, -15.1948, 20.3280



241.8100, -18.6403, 5.4286



119.4090, -3.6526, 4.9033



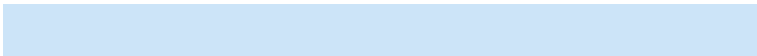
106.9930, -52.7475, 71.9201



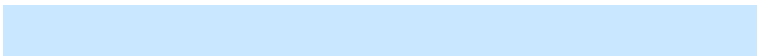
34.6750, -17.0948, 23.0870

Inverse Universe

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



223.1040, 12.2737, -16.7542



224.7660, 14.9054, -20.8428



210.1900, 18.6403, -5.4286



117.5910, 3.6526, -4.9033



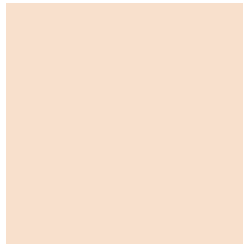
82.0070, 52.7475, -71.9201



26.3250, 17.0948, -23.0870

Previews

White Background



This preview shows how the YUV color 228.8960, -12.2737, 16.7542 looks on a white background.

Color Contrast Check

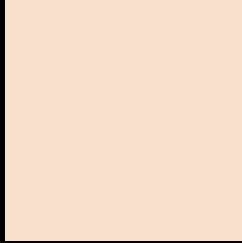
Large Text (above 18pt) WCAG AA × Fail

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 228.8960, -12.2737, 16.7542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

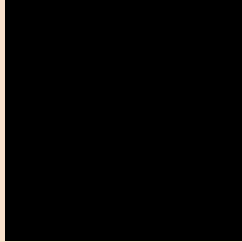
Any Text WCAG AA ✓ Pass

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 228.8960, -12.2737, 16.7542 Background



This preview shows how black text looks on a background with the YUV color 228.8960, -12.2737, 16.7542.

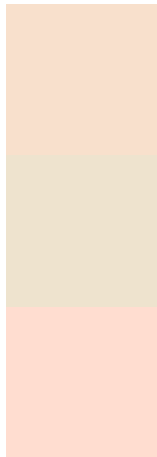


This preview shows how white text looks on a background with the YUV color 228.8960, -12.2737, 16.7542.

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

228.8960, -12.2737, 16.7542

Protanopia

227.8950, -10.7942, 8.8621

Deuteranopia

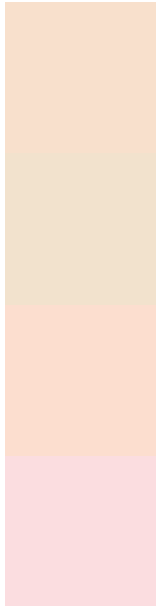
229.6840, -10.6902, 22.2021



Tritanopia

230.8050, 2.5611, 18.5880

Trichromacy



Original Color

228.8960, -12.2737, 16.7542

Protanomaly

228.3900, -11.5313, 11.9360

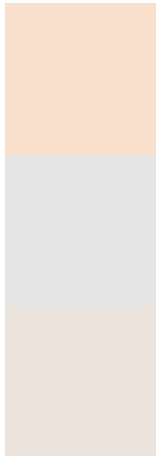
Deuteranomaly

229.2600, -10.9742, 19.9430

Tritanomaly

230.3120, -3.1118, 18.1434

Monochromacy



Original Color

228.8960, -12.2737, 16.7542

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.8930, -4.3842, 6.2328

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.8960, -12.2737, 16.7542 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(248, 224, 204)` looks like.

```
.text, #text, p{  
    color:rgb(248, 224, 204)  
}
```

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(248, 224, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 224, 204) }
```

Border

The CSS property to change the border of an element to YUV 228.8960, -12.2737, 16.7542 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(248, 224, 204) }
```


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

```
.border{ border-color:rgb(248, 224, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 224, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 224, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 224, 204);  
box-shadow:4px 4px 4px 4px rgb(248, 224,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 228.8960, -12.2737, 16.7542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 224, 204) }
```

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

```
.background{ background-color: rgb(248,  
224, 204) }
```

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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