

Converting Colors

YUV(228.4610, -12.5523,
12.7507)

Have a look what the booklet for
YUV(228.4610, -12.5523, 12.7507)
contains.

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Color

**YUV(228.4610, -12.5523,
12.7507)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E2CB
RGB	243, 226, 203
RGB Percent	95%, 89%, 80%
CMY	0.0471, 0.1137, 0.2039
CMYK	0.00, 0.07, 0.16, 0.05
HSL	35°, 62%, 87%
HSV	35°, 16%, 95%
XYZ	74.9380, 77.7592, 67.5593
YIQ	228.4610, 17.5150, -3.5490

Conversions

Conversions Part 2

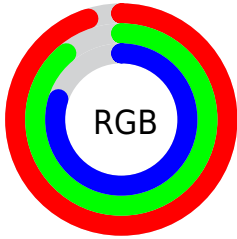
Format	Color
R _Y B	233, 243, 203
Decimal	15983307
CIE Lab	90.67, 2.13, 13.33
CIE LCh	91, 13.498, 80.936
Yxy	77.7592, 0.3402, 0.3530
Android (android.graphics.Color)	4294173387 (0xFFFF3E2CB)
YUV	228.4610, -12.5523, 12.7507
Hunter-Lab	88.1812, -2.6244, 16.3023

Details

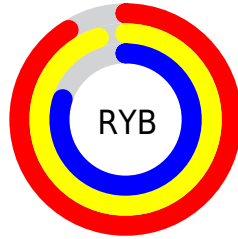
The YUV color $228.4610, -12.5523, 12.7507$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $217.5390, 12.5523, -12.7507$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.2760, -11.9681, 12.0359$ is the 20% darker color. If you saturate the color by 10%, you get $219.8550, -20.1415, 20.2982$, and if you desaturate by 10%, it is $237.0670, -4.9630, 5.2032$.

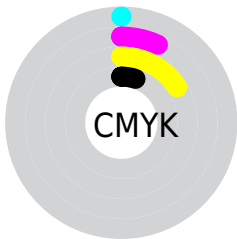
Distribution



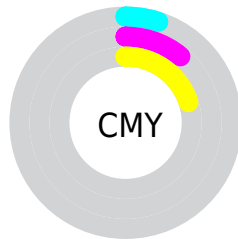
- Red (95%)
- Green (89%)
- Blue (80%)



- Red (91%)
- Yellow (95%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (16%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.4610, -12.5523, 12.7507 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 228.4610, -12.5523, 12.7507 by changing the saturation by 10% instead.

■ 228.4610,
-12.5523, 12.7507

■ 228.4610,
-12.5523, 12.7507

255.0000, 0.0000,
0.0000

■ 200.2760,
-11.9681, 12.0359

■ 173.2760,
-11.9681, 12.0359

■ 146.0910,
-11.3839, 11.3212

■ 120.7920,
-11.2365, 10.7064

■ 95.9060, -10.7997,
10.6064

■ 71.8350, -9.7787,
9.7917

■ 49.2370, -9.4838,

8.5622

■ 27.8950, -10.7942,
8.8621

■ 3.2780, -1.6161,
5.0182

■ 228.4610,
-12.5523, 12.7507

■ 228.4610,
-12.5523, 12.7507

■ 219.8550,
-20.1415, 20.2982

■ 237.0670, -4.9630,
5.2032

■ 210.5480,
-27.8782, 28.4604

■ 246.3740, 2.7736,
-2.9590

■ 201.9420,
-35.4674, 36.0079

■ 251.4120, 1.7689,
-7.3773

■ 193.3360,
-43.0566, 43.5553

■ 184.0290,
-50.7933, 51.7176

■ 175.4230,
-58.3825, 59.2650

■ 166.8170,
-65.9718, 66.8125

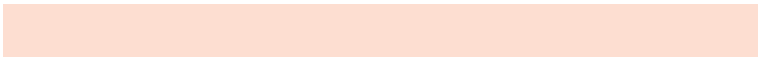
■ 157.6240,
-73.2716, 74.8748

■ 154.8370,
-76.3346, 77.3190

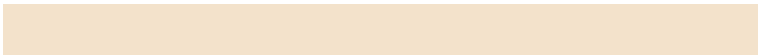
Harmonies

Analogous

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



229.7870, -10.2480, 20.3578



228.4610, -12.5523, 12.7507



226.7370, -11.2093, 1.9847

Triad

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



228.4610, -12.5523, 12.7507



224.1540, 6.3331, -24.6911



230.6020, 7.0982, 9.9960

Complementary

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



228.4610, -12.5523, 12.7507



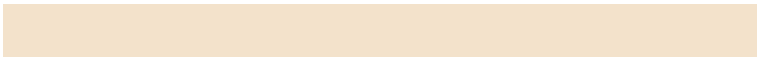
217.5390, 12.5523, -12.7507

Split Complementary

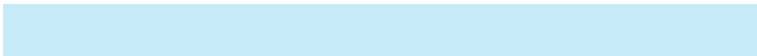
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.9640, 11.3567, -2.5994



228.4610, -12.5523, 12.7507



225.1310, 11.2744, -22.9169

Square

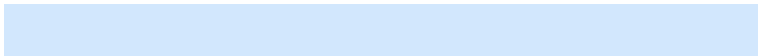
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.4610, -12.5523, 12.7507



224.4660, -0.2297, -19.7027



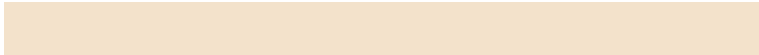
227.2290, 12.7051, -15.1098



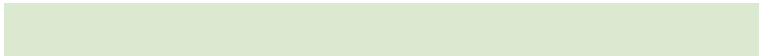
231.0500, 0.9613, 18.3731

Rectangle

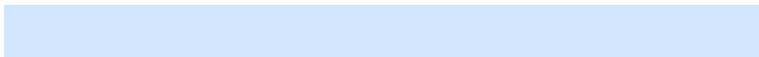
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.4610, -12.5523, 12.7507



226.0780, -8.4195, -6.2074



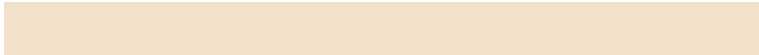
227.2290, 12.7051, -15.1098



230.6230, 8.5669, 5.5926

Sweetspot

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



228.4610, -12.5523, 12.7507



250.5830, -4.2314, 3.8737



216.8980, 1.5293, 22.8915



124.7400, -2.3368, 2.8590



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.



228.4610, -12.5523, 12.7507



236.2720, -15.9101, 16.4245



237.5430, -17.0297, 2.1548



117.6970, -3.7946, 3.7737



118.4230, -58.3825, 59.2650



37.5990, -18.5363, 18.7687

Inverse Universe

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



217.5390, 12.5523, -12.7507



222.7280, 15.9101, -16.4245



208.4570, 17.0297, -2.1548



114.3030, 3.7946, -3.7737



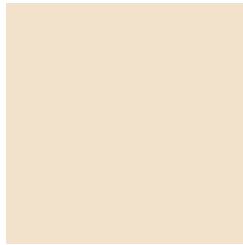
67.5770, 58.3825, -59.2650



21.4010, 18.5363, -18.7687

Previews

White Background



This preview shows how the YUV color 228.4610, -12.5523, 12.7507 looks on a white background.

Color Contrast Check

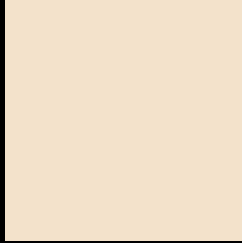
Large Text (above 18pt) WCAG AA × Fail

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 228.4610, -12.5523, 12.7507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

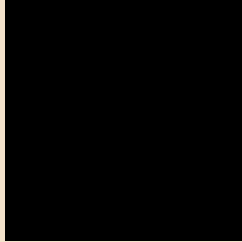
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.4610, -12.5523, 12.7507

Background



This preview shows how black text looks on a background with the YUV color 228.4610, -12.5523, 12.7507.

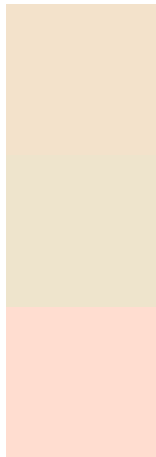


This preview shows how white text looks on a background with the YUV color 228.4610, -12.5523, 12.7507.

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

228.4610, -12.5523, 12.7507

Protanopia

228.2540, -11.9572, 8.5472

Deuteranopia

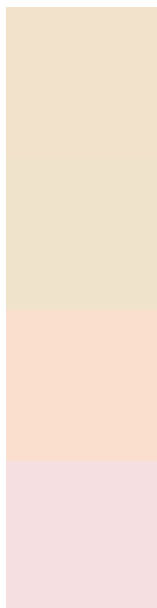
229.6840, -10.6902, 22.2021



Tritanopia

231.0110, 3.4456, 14.8994

Trichromacy



Original Color

228.4610, -12.5523, 12.7507

Protanomaly

228.2650, -11.9626, 10.2916

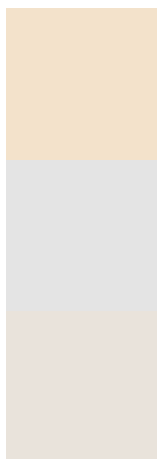
Deuteranomaly

229.4340, -11.5530, 18.9134

Tritanomaly

230.1050, -2.5168, 13.9399

Monochromacy



Original Color

228.4610, -12.5523, 12.7507

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.8820, -4.3788, 4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.4610, -12.5523, 12.7507 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(243, 226, 203)` looks like.

```
.text, #text, p{  
    color:rgb(243, 226, 203)  
}
```

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(243, 226, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 226, 203) }
```

Border

The CSS property to change the border of an element to YUV 228.4610, -12.5523, 12.7507 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(243, 226, 203) }
```


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

```
.border{ border-color:rgb(243, 226, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 226, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 226, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 226, 203);  
box-shadow:4px 4px 4px 4px rgb(243, 226,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 228.4610, -12.5523, 12.7507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 226, 203) }
```

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

```
.background{ background-color: rgb(243,  
226, 203) }
```

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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