

Converting Colors

YUV(222.7310, -25.5034,
13.3909)

Have a look what the booklet for
YUV(222.7310, -25.5034, 13.3909)
contains.

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Color

**YUV(222.7310, -25.5034,
13.3909)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE1AB
RGB	238, 225, 171
RGB Percent	93%, 88%, 67%
CMY	0.0667, 0.1176, 0.3294
CMYK	0.00, 0.05, 0.28, 0.07
HSL	48°, 66%, 80%
HSV	48°, 28%, 93%
XYZ	69.5358, 74.9678, 49.3334
YIQ	222.7310, 25.0820, -14.0380

Conversions

Conversions Part 2

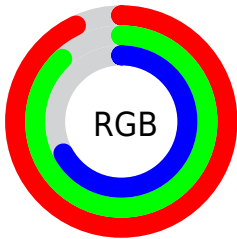
Format	Color
RYB	187, 238, 171
Decimal	15655339
CIELab	89.38, -3.68, 28.07
CIELCh	89, 28.315, 97.472
Yxy	74.9678, 0.3587, 0.3868
Android (android.graphics.Color)	4293845419 (0xFFEEE1AB)
YUV	222.7310, -25.5034, 13.3909
Hunter-Lab	86.5840, -8.1682, 26.8268

Details

The YUV color $222.7310, -25.5034, 13.3909$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $186.2690, 25.5034, -13.3909$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.8080, -12.2303, 2.7994$, and $167.3610, -24.3350, 11.9614$ is the 20% darker color. If you saturate the color by 10%, you get $217.0600, -34.5396, 18.3644$, and if you desaturate by 10%, it is $228.4020, -16.4672, 8.4174$.

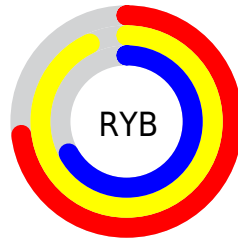
Distribution



Red (93%)

Green (88%)

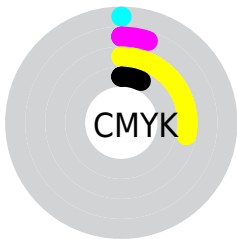
Blue (67%)



Red (73%)

Yellow (93%)

Blue (67%)

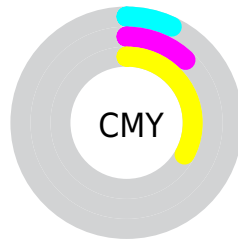


Cyan (0%)

Magenta (5%)

Yellow (28%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.7310, -25.5034, 13.3909 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 222.7310, -25.5034, 13.3909 by changing the saturation by 10% instead.

■ 222.7310,
-25.5034, 13.3909

■ 222.7310,
-25.5034, 13.3909

255.0000, 0.0000,
0.0000

■ 194.5460,
-24.9192, 12.6762

■ 251.8080,
-12.2303, 2.7994

■ 167.3610,
-24.3350, 11.9614

■ 140.5890,
-23.4614, 11.7614

■ 115.1050,
-22.7298, 10.4319

■ 90.3330, -21.8562,
10.2320

■ 66.8490, -21.1246,
8.9024

■ 44.0230, -21.7033,

7.8728

■ 24.8190, -12.2358,
4.5437

■ 0.0000, 0.0000,
0.0000

■ 222.7310,
-25.5034, 13.3909

■ 222.7310,
-25.5034, 13.3909

■ 217.0600,
-34.5396, 18.3644

■ 228.4020,
-16.4672, 8.4174

■ 211.9760,
-43.8652, 22.8230

■ 233.4860, -7.1416,
3.9588

■ 206.4190,
-52.4646, 27.6965

■ 239.0430, 1.4578,
-0.9147

■ 201.3350,
-61.7902, 32.1552

■ 242.8730, 5.9786,
-4.2736

■ 195.6640,
-70.8264, 37.1287

■ 245.8080, 4.5317,
-6.8476

■ 189.9930,
-79.8625, 42.1021

■ 248.7430, 3.0847,
-9.4216

■ 184.9090,
-89.1881, 46.5608

■ 249.9170, 2.5059,
-10.4512

■ 183.8660,
-90.6459, 47.4755

Harmonies

Analogous

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



222.9870, -23.6576, 28.0754



222.7310, -25.5034, 13.3909



219.5970, -19.0283, -10.1706

Triad

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



222.7310, -25.5034, 13.3909



213.0280, 20.6922, -57.0296



226.3850, 9.6702, 25.0954

Complementary

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



222.7310, -25.5034, 13.3909



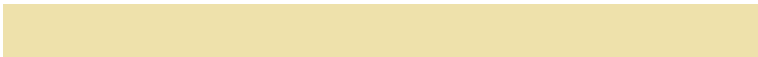
186.2690, 25.5034, -13.3909

Split Complementary

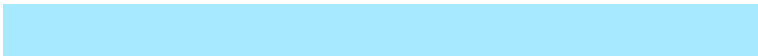
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.4370, 14.0816, 10.1408



222.7310, -25.5034, 13.3909



215.7740, 19.3384, -42.7748

Square

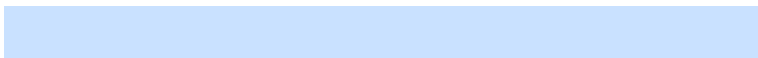
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.7310, -25.5034, 13.3909



213.2600, 8.7458, -51.9710



221.2440, 16.6417, -17.7540



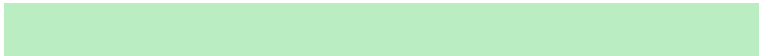
221.5460, -1.2552, 29.3392

Rectangle

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



222.7310, -25.5034, 13.3909



217.2620, -10.9752, -26.5398



221.2440, 16.6417, -17.7540



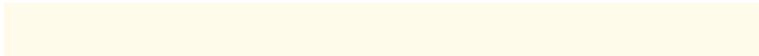
228.4710, 12.5858, 23.2659

Sweetspot

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



222.7310, -25.5034, 13.3909



250.3720, -7.5784, 4.0588



192.5150, -4.1979, 39.8903



124.7570, -4.8102, 2.8441



0.0000, 0.0000, 0.0000



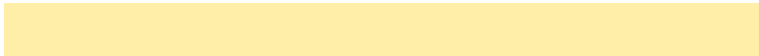
128.0000, 0.0000, 0.0000

Same Dimension

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



222.7310, -25.5034, 13.3909



235.1030, -33.0818, 17.4497



224.3820, -26.3173, -5.5970



117.4580, -4.6628, 2.2293



141.8920, -69.9528, 36.9287



43.1590, -21.2774, 11.2616

Inverse Universe

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



186.2690, 25.5034, -13.3909



187.8970, 33.0818, -17.4497



184.6180, 26.3173, 5.5970



110.5420, 4.6628, -2.2293



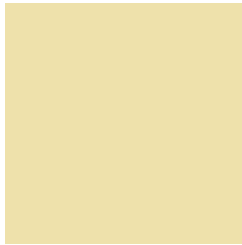
42.1080, 69.9528, -36.9287



12.8410, 21.2774, -11.2616

Previews

White Background



This preview shows how the YUV color 222.7310, -25.5034, 13.3909 looks on a white background.

Color Contrast Check

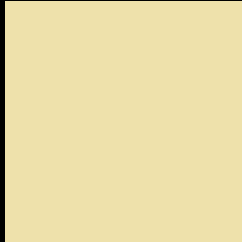
Large Text (above 18pt) WCAG AA × Fail

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 222.7310, -25.5034, 13.3909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

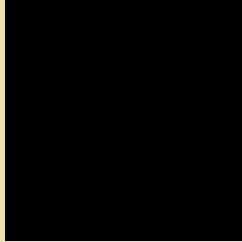
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 222.7310, -25.5034, 13.3909

Background



This preview shows how black text looks on a background with the YUV color 222.7310, -25.5034, 13.3909.

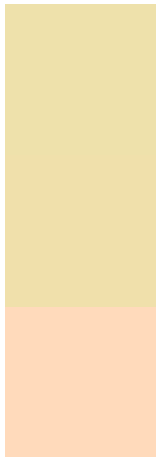


This preview shows how white text looks on a background with the YUV color 222.7310, -25.5034, 13.3909.

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

222.7310, -25.5034, 13.3909

Protanopia

222.7420, -25.5088, 15.1353

Deuteranopia

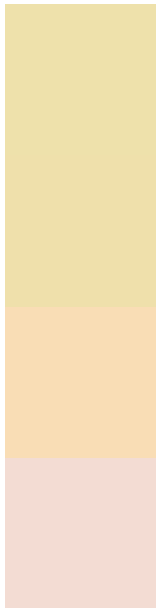
225.5290, -18.9948, 25.8461



Tritanopia

227.6090, 3.1508, 16.1289

Trichromacy



Original Color

222.7310, -25.5034, 13.3909

Protanomaly

222.4430, -25.3614, 14.5205

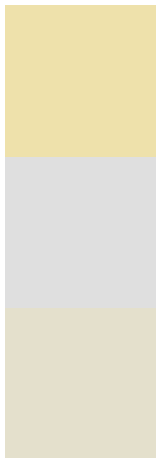
Deuteranomaly

224.8120, -21.5993, 21.2129

Tritanomaly

225.8510, -7.3215, 15.0397

Monochromacy



Original Color

222.7310, -25.5034, 13.3909

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

222.9160, -9.3256, 4.4587

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.7310, -25.5034, 13.3909 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(238, 225, 171)` looks like.

```
.text, #text, p{  
    color:rgb(238, 225, 171)  
}
```

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(238, 225, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 225, 171) }
```

Border

The CSS property to change the border of an element to YUV 222.7310, -25.5034, 13.3909 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(238, 225, 171) }
```


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

```
.border{ border-color:rgb(238, 225, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 225, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 225, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 225, 171);  
box-shadow:4px 4px 4px 4px rgb(238, 225,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 222.7310, -25.5034, 13.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 225, 171) }
```

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

```
.background{ background-color: rgb(238,  
225, 171) }
```

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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