

Converting Colors

YUV(222.6350, -29.8931,
21.3681)

Have a look what the booklet for
YUV(222.6350, -29.8931, 21.3681)
contains.

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Color

**YUV(222.6350, -29.8931,
21.3681)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DEA2
RGB	247, 222, 162
RGB Percent	97%, 87%, 64%
CMY	0.0314, 0.1294, 0.3647
CMYK	0.00, 0.10, 0.34, 0.03
HSL	42°, 84%, 80%
HSV	42°, 34%, 97%
XYZ	71.0006, 74.6253, 44.8444
YIQ	222.6350, 34.1600, -13.3600

Conversions

Conversions Part 2

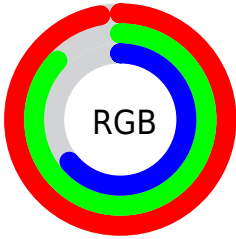
Format	Color
R _Y B	197, 247, 162
Decimal	16244386
CIE Lab	89.22, 0.15, 32.61
CIE LCh	89, 32.606, 89.732
Yxy	74.6253, 0.3728, 0.3918
Android (android.graphics.Color)	4294434466 (0xFFF7DEA2)
YUV	222.6350, -29.8931, 21.3681
Hunter-Lab	86.3860, -4.4663, 29.6917

Details

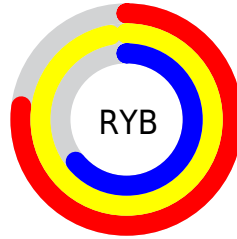
The YUV color $222.6350, -29.8931, 21.3681$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $186.3650, 29.8931, -21.3681$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.6680, -16.5983, 3.7992$, and $167.0800, -28.1404, 19.2238$ is the 20% darker color. If you saturate the color by 10%, you get $215.6760, -38.7873, 27.4711$, and if you desaturate by 10%, it is $229.5940, -20.9988, 15.2651$.

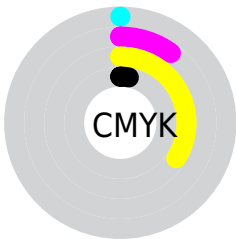
Distribution



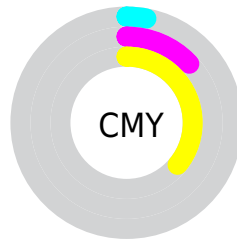
- Red (97%)
- Green (87%)
- Blue (64%)



- Red (77%)
- Yellow (97%)
- Blue (64%)



- Cyan (0%)
- Magenta (10%)
- Yellow (34%)
- Black (3%)



- Cyan (3%)
- Magenta (13%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.6350, -29.8931, 21.3681 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 222.6350, -29.8931, 21.3681 by changing the saturation by 10% instead.

222.6350,
-29.8931, 21.3681

222.6350,
-29.8931, 21.3681

255.0000, 0.0000,
0.0000

194.4500,
-29.3088, 20.6534

250.6680,
-16.5983, 3.7992

167.0800,
-28.1404, 19.2238

253.9740, -3.9312,
0.8998

140.8950,
-27.5562, 18.5091

114.8240,
-26.5352, 17.6944

90.0410, -25.6562,
15.7500

65.7420, -25.5088,
15.1353

44.0560, -21.7196,

13.1059

■ 24.8410, -12.2466,
8.0324

■ 0.0000, 0.0000,
0.0000

■ 222.6350,
-29.8931, 21.3681

■ 222.6350,
-29.8931, 21.3681

■ 215.6760,
-38.7873, 27.4711

■ 229.5940,
-20.9988, 15.2651

■ 208.2440,
-46.9553, 33.9890

■ 237.0260,
-12.8308, 8.7472

■ 201.2850,
-55.8495, 40.0921

■ 243.9850, -3.9366,
2.6442

■ 194.3260,
-64.7437, 46.1951

■ 250.2600, 2.3368,
-2.8590

■ 187.3670,
-73.6379, 52.2981

■ 252.6080, 1.1793,
-4.9182

■ 179.9350,
-81.8060, 58.8160

■ 175.9910,
-86.7636, 62.2749

Harmonies

Analogous

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



220.1830, -24.2472, 30.5345



222.6350, -29.8931, 21.3681



219.5500, -24.4281, -4.8673

Triad

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



222.6350, -29.8931, 21.3681



209.2930, 22.0406, -69.5400



226.2370, 14.1802, 25.2252

Complementary

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



222.6350, -29.8931, 21.3681



186.3650, 29.8931, -21.3681

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.



224.3330, 15.1188, 4.0930



222.6350, -29.8931, 21.3681



211.2560, 21.5658, -57.2295

Square

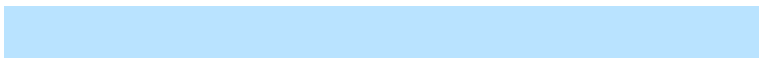
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.6350, -29.8931, 21.3681



211.1300, 5.8519, -57.1190



217.6340, 18.4214, -28.6200



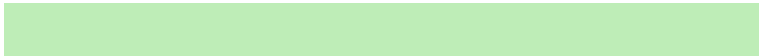
219.9960, 2.9600, 30.6985

Rectangle

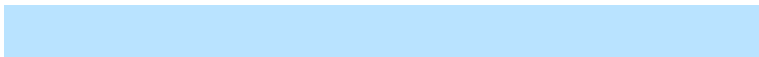
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.6350, -29.8931, 21.3681



216.7910, -16.6590, -23.4957



217.6340, 18.4214, -28.6200



227.6990, 13.4594, 23.0660

Sweetspot

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



222.6350, -29.8931, 21.3681



248.0410, -8.8942, 6.1030



190.3790, -1.1728, 49.6566



123.2410, -5.5418, 4.1736



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.



222.6350, -29.8931, 21.3681



224.8330, -36.8927, 26.4565



232.2270, -34.6219, -1.9531



118.8710, -4.3734, 2.7441



132.5110, -65.3279, 46.9099



41.7080, -20.5620, 15.1651

Inverse Universe

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



186.3650, 29.8931, -21.3681



180.1670, 36.8927, -26.4565



176.7730, 34.6219, 1.9531



113.7160, 4.0840, -3.2589



53.4890, 65.3279, -46.9099



16.7050, 20.8514, -14.6503

Previews

White Background



This preview shows how the YUV color 222.6350, -29.8931, 21.3681 looks on a white background.

Color Contrast Check

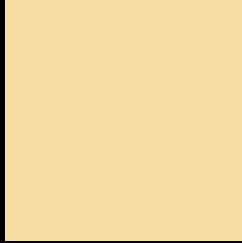
Large Text (above 18pt) WCAG AA × Fail

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 222.6350, -29.8931, 21.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

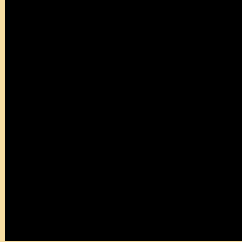
Any Text WCAG AA ✓ Pass

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 222.6350, -29.8931, 21.3681 Background



This preview shows how black text looks on a background with the YUV color 222.6350, -29.8931, 21.3681.



This preview shows how white text looks on a background with the YUV color 222.6350, -29.8931,

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

222.6350, -29.8931, 21.3681

Protanopia

222.1290, -29.1506, 16.5499

Deuteranopia

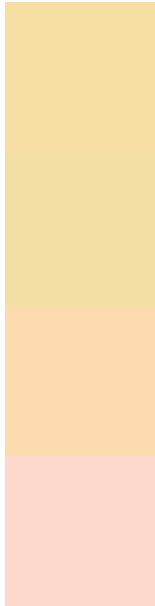
224.4860, -20.4526, 26.7608



Tritanopia

227.4960, 1.2345, 24.1210

Trichromacy



Original Color

222.6350, -29.8931, 21.3681

Protanomaly

222.1400, -29.1560, 18.2942

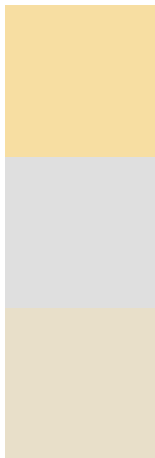
Deuteranomaly

223.8510, -24.0835, 24.6867

Tritanomaly

225.5100, -10.1114, 23.2317

Monochromacy



Original Color

222.6350, -29.8931, 21.3681

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

223.1830, -10.9362, 7.7325

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.6350, -29.8931, 21.3681 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(247, 222, 162)` looks like.

```
.text, #text, p{  
    color:rgb(247, 222, 162)  
}
```

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(247, 222, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 222, 162) }
```

Border

The CSS property to change the border of an element to YUV 222.6350, -29.8931, 21.3681 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(247, 222, 162) }
```


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

```
.border{ border-color:rgb(247, 222, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 222, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 222, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 222, 162);  
box-shadow:4px 4px 4px 4px rgb(247, 222,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 222.6350, -29.8931, 21.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 222, 162) }
```

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

```
.background{ background-color: rgb(247,  
222, 162) }
```

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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