

Converting Colors

YUV(221.3610, -41.0970,
21.6084)

Have a look what the booklet for
YUV(221.3610, -41.0970, 21.6084)
contains.

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Color

**YUV(221.3610, -41.0970,
21.6084)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E18A
RGB	246, 225, 138
RGB Percent	96%, 88%, 54%
CMY	0.0353, 0.1176, 0.4588
CMYK	0.00, 0.09, 0.44, 0.04
HSL	48°, 86%, 75%
HSV	48°, 44%, 96%
XYZ	69.5187, 75.2782, 34.9109
YIQ	221.3610, 40.4430, -22.6050

Conversions

Conversions Part 2

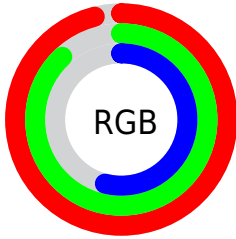
Format	Color
RYB	164, 246, 138
Decimal	16179594
CIELab	89.52, -4.35, 45.05
CIELCh	90, 45.258, 95.509
Yxy	75.2782, 0.3868, 0.4189
Android (android.graphics.Color)	4294369674 (0xFFFF6E18A)
YUV	221.3610, -41.0970, 21.6084
Hunter-Lab	86.7630, -8.8126, 36.8776

Details

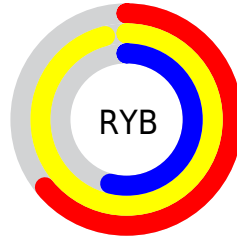
The YUV color **221.3610, -41.0970, 21.6084** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **162.6390, 41.0970, -21.6084**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.9320, -27.0815, 6.1986**, and **165.8060, -39.3444, 19.4641** is the 20% darker color. If you saturate the color by 10%, you get **215.5760, -50.5700, 26.6818**, and if you desaturate by 10%, it is **227.1460, -31.6240, 16.5350**.

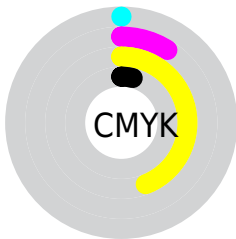
Distribution



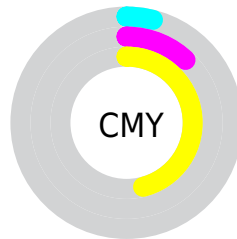
- Red (96%)
- Green (88%)
- Blue (54%)



- Red (64%)
- Yellow (96%)
- Blue (54%)



- Cyan (0%)
- Magenta (9%)
- Yellow (44%)
- Black (4%)



- Cyan (4%)
- Magenta (12%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.3610, -41.0970, 21.6084 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 221.3610, -41.0970, 21.6084 by changing the saturation by 10% instead.

221.3610,
-41.0970, 21.6084

221.3610,
-41.0970, 21.6084

255.0000, 0.0000,
0.0000

193.2900,
-40.0760, 20.7937

247.9320,
-27.0815, 6.1986

165.8060,
-39.3444, 19.4641

251.1240,
-14.8511, 3.3993

139.3220,
-38.6127, 18.1346

254.4300, -2.1840,
0.4999

112.8380,
-37.8811, 16.8051

87.2570, -40.0597,
15.5606

64.7110, -31.9025,
12.5315

44.3220, -21.8507,

8.4876

■ 25.4060, -12.5252,
4.0289

■ 0.0000, 0.0000,
0.0000

■ 221.3610,
-41.0970, 21.6084

■ 221.3610,
-41.0970, 21.6084

■ 215.5760,
-50.5700, 26.6818

■ 227.1460,
-31.6240, 16.5350

■ 209.9050,
-59.6062, 31.6553

■ 232.8170,
-22.5878, 11.5615

■ 204.7070,
-69.3686, 36.2140

■ 238.0150,
-12.8254, 7.0028

■ 199.0360,
-78.4047, 41.1874

■ 243.6860, -3.7892,
2.0294

■ 193.2510,
-87.8777, 46.2609

■ 248.7870, 3.0630,
-2.4442

■ 189.7800,
-93.5615, 49.3049

■ 251.7220, 1.6161,
-5.0182

■ 252.3090, 1.3267,
-5.5330

Harmonies

Analogous

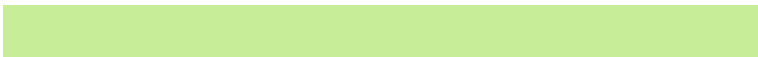
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.2730, -34.1516, 33.9636



221.3610, -41.0970, 21.6084



216.3610, -31.2370, -14.3486

Triad

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



221.3610, -41.0970, 21.6084



187.8240, 33.1178, -122.6256



220.9540, 16.7847, 29.8583

Complementary

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



221.3610, -41.0970, 21.6084



162.6390, 41.0970, -21.6084

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.



224.9860, 14.7969, 14.0443



221.3610, -41.0970, 21.6084



199.8610, 27.1835, -85.8241

Square

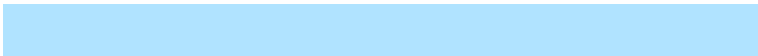
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.3610, -41.0970, 21.6084



198.6350, 16.4489, -96.1499



214.9430, 19.7481, -34.1530



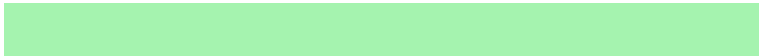
213.3280, 2.7963, 36.5463

Rectangle

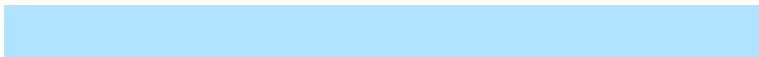
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221.3610, -41.0970, 21.6084



211.9260, -18.2045, -41.1541



214.9430, 19.7481, -34.1530



223.3020, 15.6271, 27.7991

Sweetspot

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



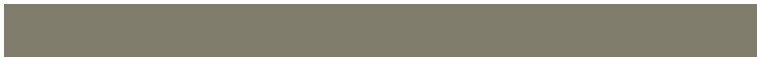
221.3610, -41.0970, 21.6084



247.7160, -12.6780, 6.3881



172.8000, -6.3104, 64.1964



123.2580, -8.0152, 4.1587



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.



221.3610, -41.0970, 21.6084



224.3480, -51.4436, 26.8818



224.1200, -42.4572, -8.8752



119.4580, -4.6628, 2.2293



143.6640, -70.8264, 37.1287



45.2300, -22.2984, 12.0763

Inverse Universe

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



162.6390, 41.0970, -21.6084



150.6520, 51.4436, -26.8818



159.8800, 42.4572, 8.8752



113.1290, 4.3734, -2.7441



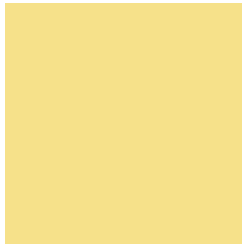
42.3360, 70.8264, -37.1287



13.1830, 22.5878, -11.5615

Previews

White Background



This preview shows how the YUV color 221.3610, -41.0970, 21.6084 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 221.3610, -41.0970, 21.6084 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 221.3610, -41.0970, 21.6084 Background



This preview shows how black text looks on a background with the YUV color 221.3610, -41.0970, 21.6084.



This preview shows how white text looks on a background with the YUV color 221.3610, -41.0970,

21.6084.

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

221.3610, -41.0970, 21.6084

Protanopia

221.3610, -41.0970, 21.6084

Deuteranopia

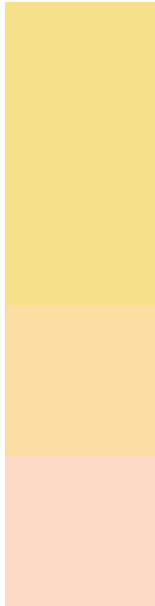
225.2040, -22.7786, 26.1311



Tritanopia

228.0830, 0.9451, 23.6062

Trichromacy



Original Color

221.3610, -41.0970, 21.6084

Protanomaly

221.3610, -41.0970, 21.6084

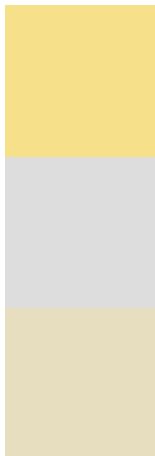
Deuteranomaly

223.7710, -29.4671, 24.7568

Tritanomaly

225.7720, -14.1846, 23.0020

Monochromacy



Original Color

221.3610, -41.0970, 21.6084

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.8580, -14.7200, 8.0175

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.3610, -41.0970, 21.6084 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(246, 225, 138)` looks like.

```
.text, #text, p{  
    color:rgb(246, 225, 138)  
}
```

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(246, 225, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 225, 138) }
```

Border

The CSS property to change the border of an element to YUV 221.3610, -41.0970, 21.6084 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(246, 225, 138) }
```


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

```
.border{ border-color:rgb(246, 225, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 225, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 225, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 225, 138);  
box-shadow:4px 4px 4px 4px rgb(246, 225,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 221.3610, -41.0970, 21.6084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 225, 138) }
```

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

```
.background{ background-color: rgb(246,  
225, 138) }
```

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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