

Converting Colors

XYZ(128.0274, 100.0000,
44.6406)

Have a look what the booklet for
XYZ(128.0274, 100.0000, 44.6406)
contains.

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Color

**XYZ(70.6201, 70.2829,
41.7422)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD39D
RGB	255, 211, 157
RGB Percent	100%, 83%, 62%
CMY	0.0000, 0.1725, 0.3843
CMYK	0.00, 0.17, 0.38, 0.00
HSL	33°, 100%, 81%
HSV	33°, 38%, 100%
XYZ	70.6201, 70.2829, 41.7422
YIQ	218.0000, 43.5580, -7.4660

Conversions

Conversions Part 2

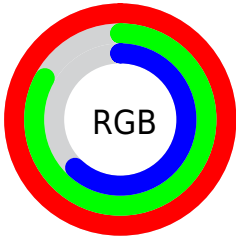
Format	Color
R _Y B	237, 255, 157
Decimal	16765853
CIE Lab	87.14, 8.31, 32.53
CIE LCh	87, 33.575, 75.664
Yxy	70.2829, 0.3867, 0.3848
Android (android.graphics.Color)	4294955933 (0xFFFFD39D)
YUV	218.0000, -30.0730, 32.4490
Hunter-Lab	83.8349, 3.6522, 29.1634

Details

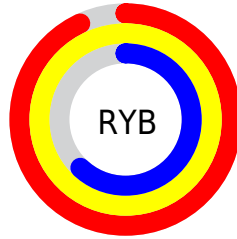
The XYZ color **70.6201, 70.2829, 41.7422** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.8406, 56.1595, 102.6626**, and the grayscale version is **66.8219, 70.3019, 76.5587**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **37.6327, 37.0042, 18.5237** is the 20% darker color. If you saturate the color by 10%, you get **65.9231, 64.0170, 30.5335**, and if you desaturate by 10%, it is **75.9775, 77.1423, 55.4140**.

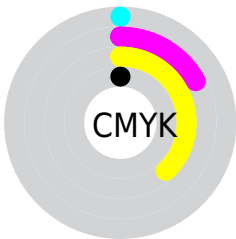
Distribution



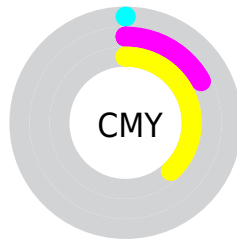
- Red (100%)
- Green (83%)
- Blue (62%)



- Red (93%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (17%)
- Yellow (38%)
- Black (0%)





- Cyan (0%)
- Magenta (17%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.6201, 70.2829, 41.7422 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 XYZ color 70.6201, 70.2829, 41.7422 by changing the saturation by 10% instead.


 70.6201, 70.2829,
41.7422


 70.6201, 70.2829,
41.7422


451.9568,
461.5427, 369.1812

 52.3136, 51.7572,
28.5754


 119.1141,
119.6121, 79.0752

 37.4804, 36.8116,
18.5171

 150.0323,
151.1844, 104.0785

 25.7551, 25.0616,
11.1486


185.8852,
187.8743, 133.8643

 16.7722, 16.1230,
6.0514

227.0381,
230.0663, 168.8513

 10.1665, 9.6112,
2.8071

273.8564,
278.1448, 209.4579

 5.5726, 5.1420,
0.9970

326.7053,

 2.6252, 2.3308,

332.4940, 256.1028

0.0000

385.9504,
393.4986, 309.2044

■ 0.9588, 0.7899,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.6201, 70.2829,
41.7422

■ 70.6201, 70.2829,
41.7422

■ 65.9231, 64.0170,
30.5335

■ 75.9775, 77.1423,
55.4140

■ 61.8487, 58.3148,
21.6323

■ 82.0202, 84.6038,
71.6831

■ 58.3625, 53.1584,
14.8716

■ 88.7779, 92.6882,
90.6789

■ 55.4239, 48.5243,
10.0597

95.0500, 100.0000,
108.9000

■ 52.9855, 44.3863,
6.9700

■ 50.9828, 40.7106,
5.2858

■ 50.6950, 40.1700,
5.0817

Harmonies

Analogous

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



77.9480, 70.2829, 49.5198



70.6201, 70.2829, 41.7422



62.7979, 70.2829, 41.9160

Triad

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



70.6201, 70.2829, 41.7422



53.2621, 70.2829, 88.8368



78.2232, 70.2829, 110.9942

Complementary

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



70.6201, 70.2829, 41.7422



52.8406, 56.1595, 102.6626

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.



70.9723, 70.2829, 126.3127



70.6201, 70.2829, 41.7422



56.7723, 70.2829, 111.9070

Square

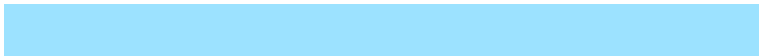
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.6201, 70.2829, 41.7422



53.1840, 70.2829, 66.2867



63.1237, 70.2829, 126.6763



82.5657, 70.2829, 87.7691

Rectangle

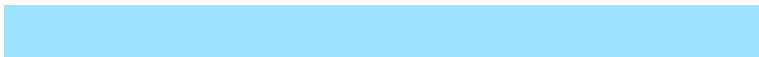
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.6201, 70.2829, 41.7422



58.3599, 70.2829, 46.4341



63.1237, 70.2829, 126.6763



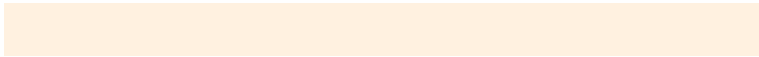
76.0208, 70.2829, 117.4234

Sweetspot

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



70.6219, 70.2862, 41.7436



86.2821, 89.7300, 83.5778



63.8518, 49.5964, 61.5284



18.2774, 18.9785, 17.3520



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



70.6219, 70.2862, 41.7436



67.0065, 65.4878, 33.0398



81.3062, 94.2968, 45.8150



18.8393, 19.6468, 18.9436



26.6406, 21.2924, 2.7057



2.7030, 2.2914, 0.2998

Inverse Universe

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



52.8406, 56.1595, 102.6626



46.9729, 49.5801, 101.7019



44.9877, 39.0058, 99.7655



17.6744, 18.7205, 22.9318



12.7478, 10.4052, 50.7711



1.3484, 1.2275, 4.9791

Previews

White Background



This preview shows how the XYZ color 70.6201, 70.2829, 41.7422 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 XYZ color 70.6201, 70.2829, 41.7422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

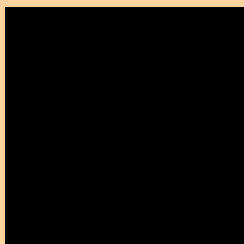
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.6201, 70.2829, 41.7422

Background



This preview shows how black text looks on a background with the XYZ color 70.6201, 70.2829, 41.7422.



This preview shows how white text looks on a background with the XYZ color 70.6201, 70.2829,

41.7422.

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

70.6201, 70.2829, 41.7422

Protanopia

65.6775, 70.3430, 43.3737

Deuteranopia

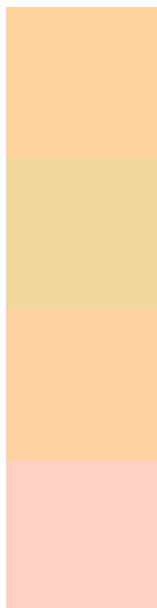
71.1695, 70.1064, 45.8572



Tritanopia

76.0975, 70.5171, 76.6182

Trichromacy



Original Color

70.6201, 70.2829, 41.7422

Protanomaly

67.1764, 69.9813, 42.7681

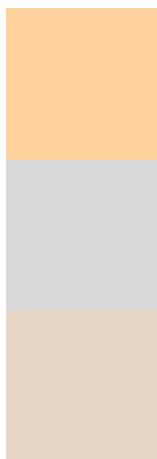
Deuteranomaly

70.8975, 69.9975, 44.4245

Tritanomaly

73.7597, 70.3573, 61.9173

Monochromacy



Original Color

70.6201, 70.2829, 41.7422

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.2192, 69.5753, 62.1111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6201, 70.2829, 41.7422 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(255, 211, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 157)  
}
```

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(255, 211, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 157) }
```

Border

The CSS property to change the border of an element to XYZ 70.6201, 70.2829, 41.7422 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(255, 211, 157) }
```


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

```
.border{ border-color:rgb(255, 211, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6201, 70.2829, 41.7422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 157) }
```

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

```
.background{ background-color: rgb(255,  
211, 157) }
```

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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