

Converting Colors

XYZ(70.0373, 73.3739, 28.4254)

Have a look what the booklet for
XYZ(70.0373, 73.3739, 28.4254)
contains.

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Color

**XYZ(70.0227, 73.3035,
28.5476)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDB79
RGB	255, 219, 121
RGB Percent	100%, 86%, 47%
CMY	0.0000, 0.1412, 0.5255
CMYK	0.00, 0.14, 0.53, 0.00
HSL	44°, 100%, 74%
HSV	44°, 53%, 100%
XYZ	70.0227, 73.3035, 28.5476
YIQ	218.5920, 52.9140, -22.8460

Conversions

Conversions Part 2

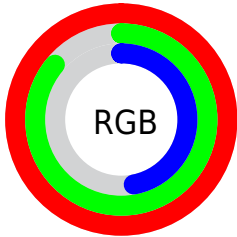
Format	Color
RYB	170, 255, 121
Decimal	16767865
CIELab	88.59, 0.75, 52.32
CIELCh	89, 52.330, 89.175
Yxy	73.3035, 0.4074, 0.4265
Android (android.graphics.Color)	4294957945 (0xFFFFDB79)
YUV	218.5920, -48.1129, 31.9298
Hunter-Lab	85.6175, -3.8434, 40.1630

Details

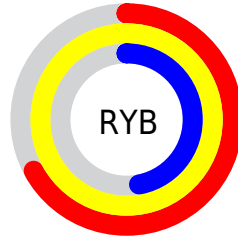
The XYZ color **70.0227, 73.3035, 28.5476** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.9918, 35.3977, 99.4374**, and the grayscale version is **67.3478, 70.8552, 77.1613**.

A 20% lighter version of the original color is **84.7379, 95.8751, 54.5970**, and **37.1146, 38.7164, 11.1471** is the 20% darker color. If you saturate the color by 10%, you get **66.9111, 69.2609, 20.7888**, and if you desaturate by 10%, it is **73.6246, 77.6655, 38.5102**.

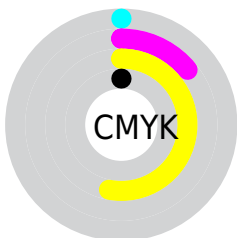
Distribution



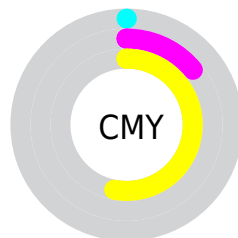
- Red (100%)
- Green (86%)
- Blue (47%)



- Red (67%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (14%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.0227, 73.3035, 28.5476 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 70.0227, 73.3035, 28.5476 by changing the saturation by 10% instead.


 70.0227, 73.3035,
28.5476

 70.0227, 73.3035,
28.5476


449.8949,
472.0660, 309.0682


 51.8247, 54.2242,
18.4962


 118.2672,
123.9080, 58.3911

 37.0891, 38.7809,
11.1337


 149.0445,
156.2019, 79.0203

 25.4505, 26.5893,
6.0415


 184.7455,
193.6695, 104.0126

 16.5435, 17.2650,
2.8012

225.7356,
236.6951, 133.7864

 10.0028, 10.4236,
0.9940

272.3803,
285.6632, 168.7604

 5.4631, 5.6807,
0.0000

325.0448,

 2.5590, 2.6519,

340.9581, 209.3529

0.0000

384.0946,
402.9642, 255.9827

■ 0.9251, 0.9528,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.0227, 73.3035,
28.5476

■ 70.0227, 73.3035,
28.5476

■ 66.9111, 69.2609,
20.7888

■ 73.6246, 77.6655,
38.5102

■ 64.2504, 65.5121,
15.0536

■ 77.7422, 82.3499,
50.8288

■ 62.0029, 62.0434,
11.1404

■ 82.4049, 87.3729,
65.6473

■ 60.1212, 58.8345,
8.8037

■ 87.6385, 92.7459,
83.0967

■ 58.9051, 56.5905,
7.8184

■ 93.4669, 98.4798,
103.2987

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



82.8591, 73.3035, 33.7805



70.0227, 73.3035, 28.5476



58.5022, 73.3035, 33.2196

Triad

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



70.0227, 73.3035, 28.5476



50.5633, 73.3035, 118.7046



92.6531, 73.3035, 120.9768

Complementary

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



70.0227, 73.3035, 28.5476



37.9918, 35.3977, 99.4374

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.



82.1818, 73.3035, 157.1543



70.0227, 73.3035, 28.5476



57.9654, 73.3035, 155.5878

Square

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



70.0227, 73.3035, 28.5476



48.1201, 73.3035, 78.8187



69.3240, 73.3035, 171.4011



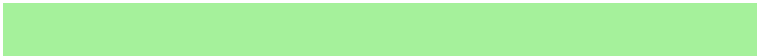
96.8567, 73.3035, 80.8197

Rectangle

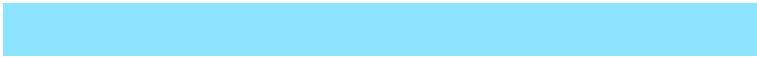
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.0227, 73.3035, 28.5476



52.8790, 73.3035, 42.4624



69.3240, 73.3035, 171.4011



89.6918, 73.3035, 134.4030

Sweetspot

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



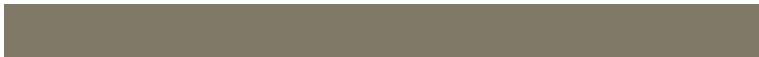
70.0245, 73.3070, 28.5491



85.7661, 90.8511, 76.7680



54.3328, 37.4375, 37.1491



18.1256, 19.2083, 15.6567



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.



70.0245, 73.3070, 28.5491



66.7816, 69.0853, 20.4872



70.5649, 89.0637, 31.5619



19.1243, 20.2167, 19.0386



30.9091, 29.8294, 4.1286



3.0998, 3.0849, 0.4321

Inverse Universe

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



37.9918, 35.3977, 99.4374



31.7193, 27.6527, 98.2735



37.4719, 27.3828, 97.9178



17.3999, 18.1714, 22.8403



10.6316, 6.1729, 50.0657



1.1207, 0.7721, 4.9032

Previews

White Background



This preview shows how the XYZ color 70.0227, 73.3035, 28.5476 looks on a white background.

Color Contrast Check

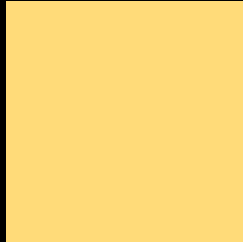
Large Text (above 18pt) WCAG AA × Fail

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 70.0227, 73.3035, 28.5476 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 70.0227, 73.3035, 28.5476

Background



This preview shows how black text looks on a background with the XYZ color 70.0227, 73.3035, 28.5476.



This preview shows how white text looks on a background with the XYZ color 70.0227, 73.3035,

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

70.0227, 73.3035, 28.5476

Protanopia

67.5567, 73.5930, 29.0566

Deuteranopia

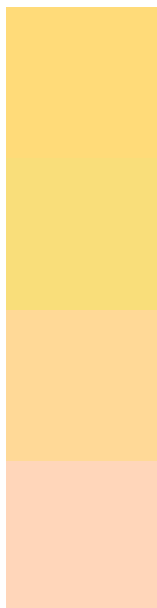
72.8637, 73.1989, 47.3343



Tritanopia

77.8535, 73.1762, 79.8331

Trichromacy



Original Color

70.0227, 73.3035, 28.5476

Protanomaly

68.7010, 73.7874, 29.0338

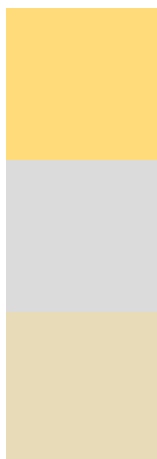
Deuteranomaly

71.6388, 73.1201, 39.6160

Tritanomaly

74.1495, 72.8983, 56.6171

Monochromacy



Original Color

70.0227, 73.3035, 28.5476

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.1575, 71.2377, 55.0104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0227, 73.3035, 28.5476 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, 219, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 121)  
}
```

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, 219, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 121) }
```

Border

The CSS property to change the border of an element to XYZ 70.0227, 73.3035, 28.5476 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, 219, 121) }
```


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

```
.border{ border-color:rgb(255, 219, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0227, 73.3035, 28.5476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 121) }
```

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

```
.background{ background-color: rgb(255,  
219, 121) }
```

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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