

Converting Colors

XYZ(69.5822, 73.7185, 24.4051)

Have a look what the booklet for
XYZ(69.5822, 73.7185, 24.4051)
contains.

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Color

**XYZ(69.4870, 73.5079,
24.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDC6B
RGB	255, 220, 107
RGB Percent	100%, 86%, 42%
CMY	0.0000, 0.1372, 0.5804
CMYK	0.00, 0.14, 0.58, 0.00
HSL	46°, 100%, 71%
HSV	46°, 58%, 100%
XYZ	69.4870, 73.5079, 24.4360
YIQ	217.5830, 57.1330, -27.7230

Conversions

Conversions Part 2

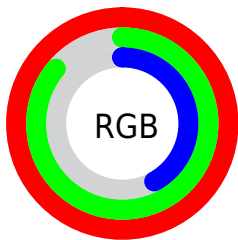
Format	Color
RYB	153, 255, 107
Decimal	16768107
CIELab	88.69, -0.82, 58.96
CIELCh	89, 58.964, 90.797
Yxy	73.5079, 0.4150, 0.4390
Android (android.graphics.Color)	4294958187 (0xFFFFDC6B)
YUV	217.5830, -54.5174, 32.8147
Hunter-Lab	85.7367, -5.3705, 43.1174

Details

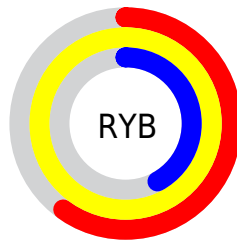
The XYZ color **69.4870, 73.5079, 24.4360** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **33.7861, 29.6907, 98.5574**, and the grayscale version is **66.6908, 70.1639, 76.4085**.

A 20% lighter version of the original color is **83.4330, 95.3532, 47.7258**, and **36.6034, 38.7694, 8.9222** is the 20% darker color. If you saturate the color by 10%, you get **66.7848, 69.9432, 17.8644**, and if you desaturate by 10%, it is **72.6453, 77.3519, 33.1124**.

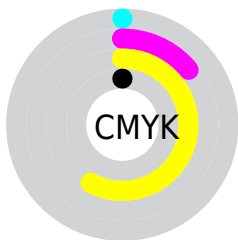
Distribution



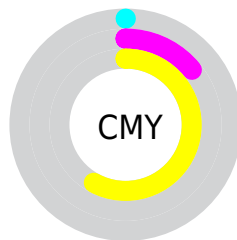
- Red (100%)
- Green (86%)
- Blue (42%)



- Red (60%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (58%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.4870, 73.5079, 24.4360 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 69.4870, 73.5079, 24.4360 by changing the saturation by 10% instead.


 69.4870, 73.5079,
24.4360

 69.4870, 73.5079,
24.4360


448.0413,
472.7732, 288.3746


 51.3865, 54.3914,
15.4422


 117.5072,
124.1980, 51.6935


 36.7386, 38.9146,
8.9802


 148.1575,
156.5403, 70.7942

 25.1779, 26.6933,
4.6317


 183.7219,
194.0600, 94.1010

 16.3391, 17.3430,
1.9779

 224.5656,
237.1415, 122.0324

 9.8568, 10.4794,
0.5416

271.0541,
286.1692, 155.0069

 5.3656, 5.7179,
0.0000

323.5526,

 2.5003, 2.6743,

341.5274, 193.4431

0.0000

382.4265,
403.6007, 237.7595

■ 0.8954, 0.9642,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.4870, 73.5079,
24.4360

■ 69.4870, 73.5079,
24.4360

■ 66.7848, 69.9432,
17.8644

■ 72.6453, 77.3519,
33.1124

■ 64.4969, 66.6319,
13.2037

■ 76.2866, 81.4786,
44.0554

■ 62.5821, 63.5592,
10.2320

■ 80.4416, 85.9039,
57.4161

■ 60.9822, 60.7009,
8.6460

■ 85.1367, 90.6394,
73.3315

■ 60.6892, 60.1587,
8.4131

■ 90.3966, 95.6958,
91.9280

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.



84.1004, 73.5079, 29.2372



69.4870, 73.5079, 24.4360



56.7616, 73.5079, 29.7979

Triad

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



69.4870, 73.5079, 24.4360



48.8824, 73.5079, 127.2889



96.6049, 73.5079, 124.7330

Complementary

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



69.4870, 73.5079, 24.4360



33.7861, 29.6907, 98.5574

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.



84.8488, 73.5079, 168.0913



69.4870, 73.5079, 24.4360



57.3377, 73.5079, 169.8859

Square

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



69.4870, 73.5079, 24.4360



45.9035, 73.5079, 81.1330



70.2485, 73.5079, 186.8772



100.9870, 73.5079, 78.9521

Rectangle

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



69.4870, 73.5079, 24.4360



50.7200, 73.5079, 39.9910



70.2485, 73.5079, 186.8772



93.3122, 73.5079, 140.5588

Sweetspot

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



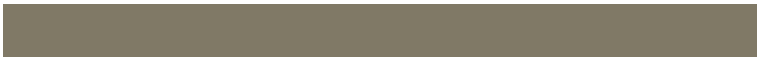
69.4887, 73.5114, 24.4375



85.6564, 91.1496, 75.1352



51.5320, 33.7896, 30.1925



18.1200, 19.2993, 15.3405



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.



69.4887, 73.5114, 24.4375



66.3047, 69.2742, 16.8056



67.3274, 87.4867, 27.2489



19.1758, 20.3198, 19.0558



31.8323, 31.6759, 4.4363



3.1830, 3.2513, 0.4598

Inverse Universe

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



33.7861, 29.6907, 98.5574



27.6322, 21.9006, 97.3786



34.8099, 23.6655, 97.3404



17.3516, 18.0748, 22.8242



10.3783, 5.6662, 49.9813



1.0902, 0.7110, 4.8931

Previews

White Background



This preview shows how the XYZ color 69.4870, 73.5079, 24.4360 looks on a white background.

Color Contrast Check

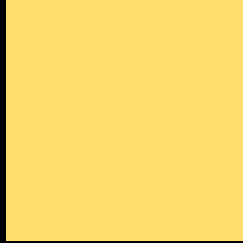
Large Text (above 18pt) WCAG AA × Fail

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 69.4870, 73.5079, 24.4360 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 69.4870, 73.5079, 24.4360

Background



This preview shows how black text looks on a background with the XYZ color 69.4870, 73.5079, 24.4360.



This preview shows how white text looks on a background with the XYZ color 69.4870, 73.5079,

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

69.4870, 73.5079, 24.4360

Protanopia

67.4522, 73.6322, 24.8447

Deuteranopia

73.0279, 73.6757, 46.9311



Tritanopia

77.8535, 73.1762, 79.8331

Trichromacy



Original Color

69.4870, 73.5079, 24.4360

Protanomaly

68.2524, 73.6493, 24.8058

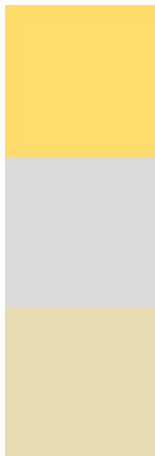
Deuteranomaly

71.4222, 73.4471, 37.2004

Tritanomaly

73.6271, 72.6893, 53.8659

Monochromacy



Original Color

69.4870, 73.5079, 24.4360

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.3224, 70.8663, 52.3025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4870, 73.5079, 24.4360 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, 220, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 107)  
}
```

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, 220, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 107) }
```

Border

The CSS property to change the border of an element to XYZ 69.4870, 73.5079, 24.4360 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, 220, 107) }
```


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

```
.border{ border-color:rgb(255, 220, 107) }
```

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

Here you see how a box with a 4 pixel rgb(255, 220, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4870, 73.5079, 24.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 107) }
```

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

```
.background{ background-color: rgb(255,  
220, 107) }
```

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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