

Converting Colors

XYZ(69.5309, 73.3179, 41.6496)

Have a look what the booklet for
XYZ(69.5309, 73.3179, 41.6496)
contains.

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Color

**XYZ(69.5156, 73.1458,
41.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DC9B
RGB	246, 220, 155
RGB Percent	96%, 86%, 61%
CMY	0.0353, 0.1372, 0.3921
CMYK	0.00, 0.11, 0.37, 0.04
HSL	43°, 83%, 79%
HSV	43°, 37%, 96%
XYZ	69.5156, 73.1458, 41.4650
YIQ	220.3640, 36.3610, -14.7030

Conversions

Conversions Part 2

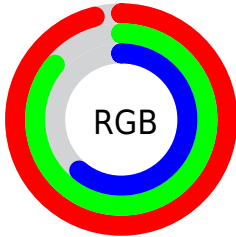
Format	Color
R _Y B	191, 246, 155
Decimal	16178331
CIE Lab	88.52, -0.02, 35.23
CIE LCh	89, 35.235, 90.026
Yxy	73.1458, 0.3775, 0.3973
Android (android.graphics.Color)	4294368411 (0xFFF6DC9B)
YUV	220.3640, -32.2245, 22.4828
Hunter-Lab	85.5253, -4.5832, 31.1223

Details

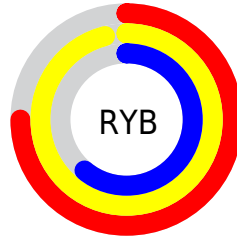
The XYZ color **69.5156, 73.1458, 41.4650** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.6755, 46.6685, 93.7365**, and the grayscale version is **68.4838, 72.0503, 78.4627**.

A 20% lighter version of the original color is **88.6329, 97.4331, 75.1078**, and **36.6424, 38.5809, 18.3476** is the 20% darker color. If you saturate the color by 10%, you get **65.8514, 68.7935, 31.0686**, and if you desaturate by 10%, it is **73.6819, 77.8283, 54.1067**.

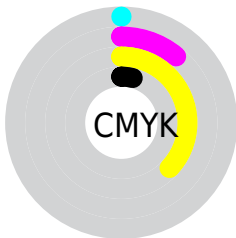
Distribution



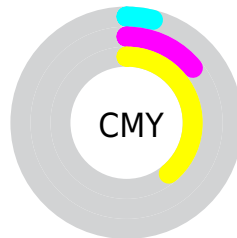
- Red (96%)
- Green (86%)
- Blue (61%)



- Red (75%)
- Yellow (96%)
- Blue (61%)



- Cyan (0%)
- Magenta (11%)
- Yellow (37%)
- Black (4%)



- Cyan (4%)
- Magenta (14%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5156, 73.1458, 41.4650 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 69.5156, 73.1458, 41.4650 by changing the saturation by 10% instead.

69.5156, 73.1458,
41.4650

69.5156, 73.1458,
41.4650

448.1403,
471.5200, 367.9944

51.4099, 54.0952,
28.3602

117.5477,
123.6842, 78.6506

36.7573, 38.6778,
18.3559

148.2049,
155.9407, 103.5685

25.1924, 26.5091,
11.0338

183.7766,
193.3680, 133.2611

16.3500, 17.2049,
5.9751

224.6281,
236.3505, 168.1470

9.8646, 10.3807,
2.7614

271.1250,
285.2726, 208.6447

5.3708, 5.6521,
0.9741

323.6323,

2.5034, 2.6347,

340.5186, 255.1728

0.0000

382.5157,
402.4729, 308.1499

■ 0.8970, 0.9441,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.5156, 73.1458,
41.4650

■ 69.5156, 73.1458,
41.4650

■ 65.8514, 68.7935,
31.0686

■ 73.6819, 77.8283,
54.1067

■ 62.6571, 64.7490,
22.7772

■ 78.3693, 82.8421,
69.1135

■ 59.9051, 61.0025,
16.4417

■ 83.6024, 88.2012,
86.6021

■ 57.5620, 57.5389,
11.8913

■ 89.4023, 93.9154,
106.6801

■ 55.5888, 54.3413,
8.9257

■ 91.8160, 98.3328,
108.7487

■ 53.9360, 51.3880,
7.2887

■ 53.4784, 50.5377,
6.9361

Harmonies

Analogous

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



77.9954, 73.1458, 45.6418



69.5156, 73.1458, 41.4650



61.6756, 73.1458, 45.6562

Triad

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



69.5156, 73.1458, 41.4650



56.3343, 73.1458, 105.3820



84.6325, 73.1458, 105.3384

Complementary

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



69.5156, 73.1458, 41.4650



46.6755, 46.6685, 93.7365

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.



78.0090, 73.1458, 127.3254



69.5156, 73.1458, 41.4650



61.6873, 73.1458, 127.3539

Square

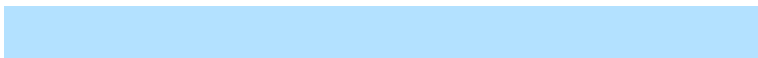
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.5156, 73.1458, 41.4650



54.4530, 73.1458, 79.6642



69.5302, 73.1458, 136.0909



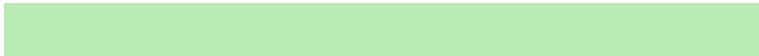
87.1444, 73.1458, 79.6225

Rectangle

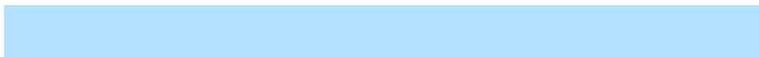
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.5156, 73.1458, 41.4650



57.7564, 73.1458, 53.2422



69.5302, 73.1458, 136.0909



82.7878, 73.1458, 113.5849

Sweetspot

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



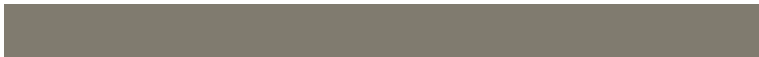
69.5174, 73.1492, 41.4665



88.3552, 93.3172, 85.9921



58.2024, 46.4261, 50.3130



18.7461, 19.8043, 17.8519



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.



69.5174, 73.1492, 41.4665



72.5571, 75.9858, 36.7498



70.8039, 84.7394, 43.6358



17.4914, 18.4668, 17.4401



28.6704, 27.2265, 3.7441



2.6073, 2.5678, 0.3582

Inverse Universe

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



46.6755, 46.6685, 93.7365



44.6439, 43.6434, 100.6788



45.6344, 39.0044, 92.3121



15.9667, 16.6976, 20.9240



10.1599, 6.1136, 47.1826



0.9770, 0.7054, 4.1749

Previews

White Background



This preview shows how the XYZ color 69.5156, 73.1458, 41.4650 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 69.5156, 73.1458, 41.4650 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 69.5156, 73.1458, 41.4650

Background



This preview shows how black text looks on a background with the XYZ color 69.5156, 73.1458, 41.4650.

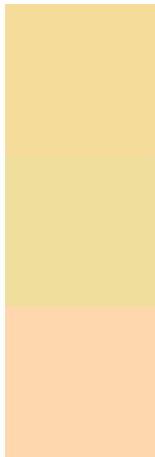


This preview shows how white text looks on a background with the XYZ color 69.5156, 73.1458,

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

69.5156, 73.1458, 41.4650

Protanopia

68.0572, 73.1681, 41.9883

Deuteranopia

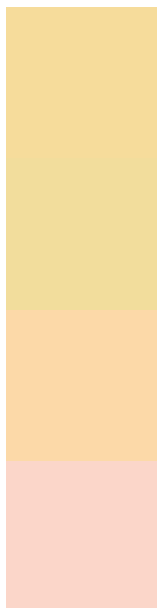
73.2783, 72.9560, 50.7772



Tritanopia

78.0324, 73.2054, 82.6903

Trichromacy



Original Color

69.5156, 73.1458, 41.4650

Protanomaly

68.4752, 72.9904, 41.9320

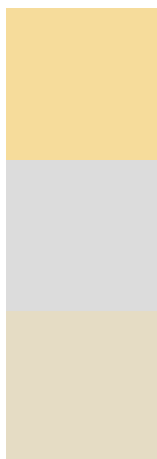
Deuteranomaly

72.0256, 73.1483, 47.3687

Tritanomaly

74.3728, 72.8194, 65.3940

Monochromacy



Original Color

69.5156, 73.1458, 41.4650

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.8701, 71.8299, 62.5120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5156, 73.1458, 41.4650 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, 220, 155)` looks like.

```
.text, #text, p{  
    color:rgb(246, 220, 155)  
}
```

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, 220, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 220, 155) }
```

Border

The CSS property to change the border of an element to XYZ 69.5156, 73.1458, 41.4650 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, 220, 155) }
```


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

```
.border{ border-color:rgb(246, 220, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 220, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 220, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 220, 155);  
box-shadow:4px 4px 4px 4px rgb(246, 220,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5156, 73.1458, 41.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 220, 155) }
```

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

```
.background{ background-color: rgb(246,  
220, 155) }
```

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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