

Converting Colors

XYZ(74.4345, 82.1569, 45.6530)

Have a look what the booklet for
XYZ(74.4345, 82.1569, 45.6530)
contains.

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Color

**XYZ(74.4345, 82.1569,
45.6530)**

Conversions

Conversions Part 1

Format	Color
Hex	F6ECA1
RGB	246, 236, 161
RGB Percent	96%, 93%, 63%
CMY	0.0353, 0.0745, 0.3686
CMYK	0.00, 0.04, 0.35, 0.04
HSL	53°, 83%, 80%
HSV	53°, 35%, 96%
XYZ	74.4345, 82.1569, 45.6530
YIQ	230.4400, 30.0350, -21.2050

Conversions

Conversions Part 2

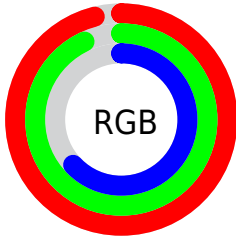
Format	Color
RYB	172, 246, 161
Decimal	16182433
CIELab	92.64, -7.42, 37.62
CIELCh	93, 38.350, 101.156
Yxy	82.1569, 0.3680, 0.4062
Android (android.graphics.Color)	4294372513 (0xFFFF6ECA1)
YUV	230.4400, -34.2339, 13.6461
Hunter-Lab	90.6404, -12.0355, 33.5856

Details

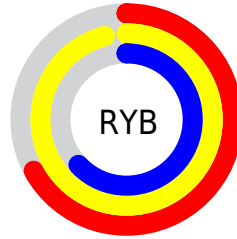
The XYZ color **74.4345, 82.1569, 45.6530** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **45.8952, 43.3556, 93.1384**, and the grayscale version is **75.7718, 79.7178, 86.8127**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **40.0143, 44.5440, 20.6762** is the 20% darker color. If you saturate the color by 10%, you get **71.6498, 79.7242, 35.0547**, and if you desaturate by 10%, it is **77.6636, 84.7948, 58.5068**.

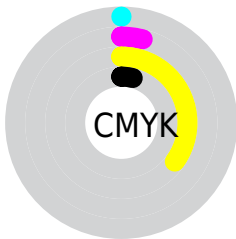
Distribution



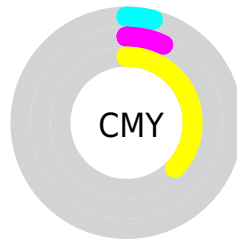
- Red (96%)
- Green (93%)
- Blue (63%)



- Red (67%)
- Yellow (96%)
- Blue (63%)



- Cyan (0%)
- Magenta (4%)
- Yellow (35%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4345, 82.1569, 45.6530 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 74.4345, 82.1569, 45.6530 by changing the saturation by 10% instead.

74.4345, 82.1569,
45.6530

74.4345, 82.1569,
45.6530

464.9988,
502.1724, 385.6488

55.4423, 61.4949,
31.6254

124.5037,
136.3940, 85.0282

39.9912, 44.6247,
20.8131

156.3115,
170.7379, 111.2130

27.7158, 31.1619,
12.7975

193.1218,
210.4111, 142.2872

18.2509, 20.7222,
7.1602

235.2999,
255.7982, 178.6693

11.2311, 12.9211,
3.4825

283.2114,
307.2835, 220.7780

6.2909, 7.3742,
1.3460

337.2214,

3.0651, 3.6972,

365.2513, 269.0318

0.0990

397.6955,
430.0862, 323.8492

■ 1.1883, 1.5057,
0.0000

■ 0.0971, 0.2927,
0.0000

■ 74.4345, 82.1569,
45.6530

■ 74.4345, 82.1569,
45.6530

■ 71.6498, 79.7242,
35.0547

■ 77.6636, 84.7948,
58.5068

■ 69.2782, 77.4752,
26.5745

■ 81.3542, 87.6361,
73.7327

■ 67.2938, 75.4026,
20.0676

■ 85.5297, 90.6931,
91.4453

■ 65.6653, 73.4936,
15.3693

■ 89.4932, 93.6872,
107.9744

■ 64.3563, 71.7335,
12.2879

■ 90.3874, 95.4755,
108.2724

■ 63.3221, 70.1044,
10.5886

■ 91.2954, 97.2914,
108.5751

■ 62.8385, 69.2577,
10.0561

■ 91.8161, 98.3328,
108.7487

Harmonies

Analogous

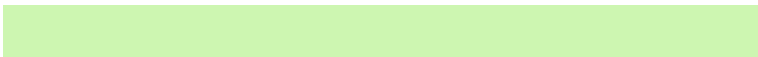
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4495, 82.1569, 46.8816



74.4345, 82.1569, 45.6530



66.1306, 82.1569, 54.1364

Triad

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



74.4345, 82.1569, 45.6530



64.5156, 82.1569, 130.7033



97.6872, 82.1569, 108.4006

Complementary

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



74.4345, 82.1569, 45.6530



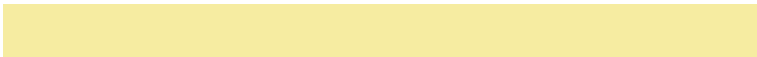
45.8952, 43.3556, 93.1384

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.



91.4056, 82.1569, 137.5267



74.4345, 82.1569, 45.6530



72.0536, 82.1569, 152.1779

Square

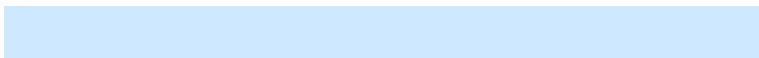
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4345, 82.1569, 45.6530



60.7376, 82.1569, 100.5114



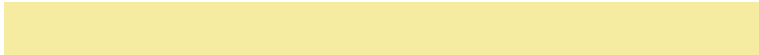
81.8585, 82.1569, 154.9115



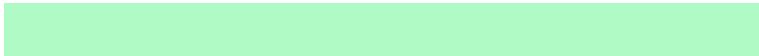
98.4622, 82.1569, 79.2405

Rectangle

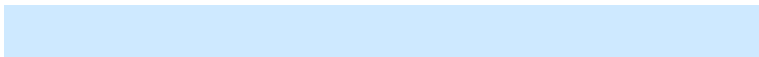
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4345, 82.1569, 45.6530



62.4601, 82.1569, 65.4807



81.8585, 82.1569, 154.9115



96.1261, 82.1569, 118.6651

Sweetspot

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



74.4366, 82.1606, 45.6547



90.2637, 96.5670, 88.3772



58.2300, 48.0749, 45.4092



19.1855, 20.5702, 18.3469



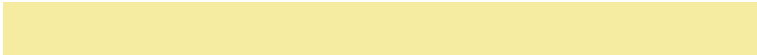
0.0000, 0.0000, 0.0000



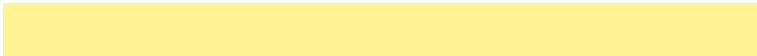
20.3446, 21.4041, 23.3091

Same Dimension

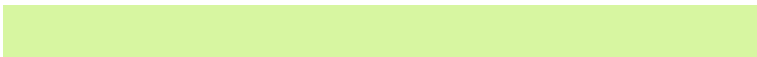
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4366, 82.1606, 45.6547



78.7444, 87.4026, 41.7646



67.3647, 82.9069, 46.1715



17.7386, 18.9613, 17.5225



33.6087, 37.1030, 5.3902



3.0000, 3.3532, 0.4891

Inverse Universe

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



45.8952, 43.3556, 93.1384



43.7622, 39.8499, 99.9930



51.1607, 43.3729, 92.8642



15.7381, 16.2404, 20.8478



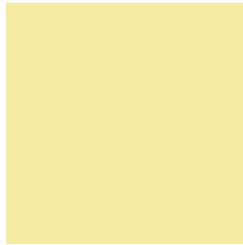
9.1636, 4.1211, 46.8505



0.8552, 0.4618, 4.1343

Previews

White Background



This preview shows how the XYZ color 74.4345, 82.1569, 45.6530 looks on a white background.

Color Contrast Check

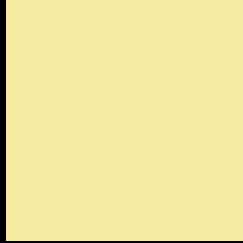
Large Text (above 18pt) WCAG AA × Fail

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 74.4345, 82.1569, 45.6530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

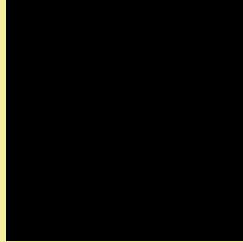
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4345, 82.1569, 45.6530

Background



This preview shows how black text looks on a background with the XYZ color 74.4345, 82.1569, 45.6530.



This preview shows how white text looks on a background with the XYZ color 74.4345, 82.1569,

45.6530.

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

74.4345, 82.1569, 45.6530

Protanopia

76.2760, 82.2663, 45.1165

Deuteranopia

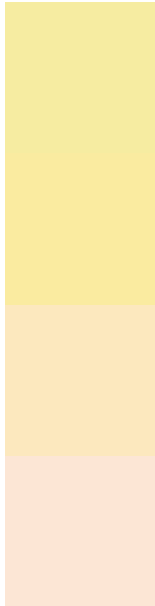
80.3999, 81.7549, 69.9353



Tritanopia

84.6140, 82.1238, 96.1859

Trichromacy



Original Color

74.4345, 82.1569, 45.6530

Protanomaly

75.4778, 82.2787, 45.1610

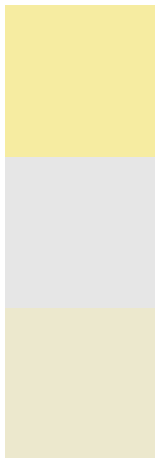
Deuteranomaly

78.2958, 82.1264, 60.4405

Tritanomaly

80.4519, 82.0932, 74.5561

Monochromacy



Original Color

74.4345, 82.1569, 45.6530

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.4681, 79.9539, 69.2654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4345, 82.1569, 45.6530 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, 236, 161)` looks like.

```
.text, #text, p{  
    color:rgb(246, 236, 161)  
}
```

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, 236, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 236, 161) }
```

Border

The CSS property to change the border of an element to XYZ 74.4345, 82.1569, 45.6530 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, 236, 161) }
```


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

```
.border{ border-color:rgb(246, 236, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 236, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 236, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 236, 161);  
box-shadow:4px 4px 4px 4px rgb(246, 236,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4345, 82.1569, 45.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 236, 161) }
```

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

```
.background{ background-color: rgb(246,  
236, 161) }
```

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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