

Converting Colors

XYZ(69.1696, 78.2450, 54.2491)

Have a look what the booklet for
XYZ(69.1696, 78.2450, 54.2491)
contains.

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Color

**XYZ(69.2381, 78.4312,
54.1373)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EAB3
RGB	227, 234, 179
RGB Percent	89%, 92%, 70%
CMY	0.1098, 0.0823, 0.2980
CMYK	0.03, 0.00, 0.24, 0.08
HSL	68°, 57%, 81%
HSV	68°, 24%, 92%
XYZ	69.2381, 78.4312, 54.1373
YIQ	225.6370, 13.4830, -18.5890

Conversions

Conversions Part 2

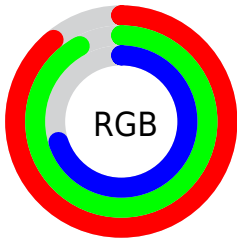
Format	Color
R_{YB}	179, 234, 186
Decimal	14936755
CIE _{Lab}	90.98, -11.22, 26.00
CIE _{LCh}	91, 28.314, 113.335
Yxy	78.4312, 0.3431, 0.3886
Android (android.graphics.Color)	4293126835 (0xFFE3EAB3)
YUV	225.6370, -22.9920, 1.1954
Hunter-Lab	88.5614, -15.4295, 25.7492

Details

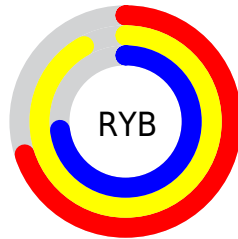
The XYZ color **69.2381, 78.4312, 54.1373** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **51.2240, 48.6218, 84.5314**, and the grayscale version is **72.1823, 75.9413, 82.7001**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **36.4809, 42.0051, 25.9237** is the 20% darker color. If you saturate the color by 10%, you get **66.1383, 77.0863, 42.6691**, and if you desaturate by 10%, it is **72.7599, 79.9521, 67.7248**.

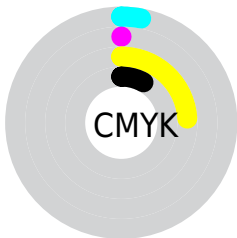
Distribution



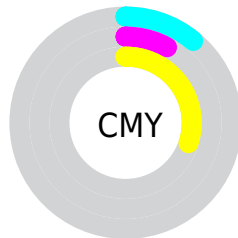
- Red (89%)
- Green (92%)
- Blue (70%)



- Red (70%)
- Yellow (92%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (8%)





- Cyan (11%)
- Magenta (8%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.2381, 78.4312, 54.1373 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 69.2381, 78.4312, 54.1373 by changing the saturation by 10% instead.


 69.2381, 78.4312,
54.1373

 69.2381, 78.4312,
54.1373


447.1785,
489.6300, 419.8228

 51.1830, 58.4283,
38.3175


 117.1538,
131.1578, 97.7342

 36.5759, 42.1530,
25.9255


147.7451,
164.6503, 126.3485

 25.0515, 29.2211,
16.5426


183.2458,
203.4080, 160.0646

 16.2443, 19.2482,
9.7504

224.0214,
247.8154, 199.3012

 9.7892, 11.8497,
5.1304

270.4370,
298.2570, 244.4768

 5.3206, 6.6414,
2.2639

322.8582,

 2.4732, 3.2389,

355.1170, 296.0099

0.7109

381.6503,
418.7799, 354.3190

■ 0.8818, 1.2577,
0.0000

■ 0.0000, 0.1081,
0.0000

■ 69.2381, 78.4312,
54.1373

■ 69.2381, 78.4312,
54.1373

■ 66.1383, 77.0863,
42.6691

■ 72.7599, 79.9521,
67.7248

■ 63.4342, 75.8988,
33.2085

■ 76.7165, 81.6462,
83.5259

■ 61.1055, 74.8634,
25.6412

■ 81.1277, 83.5240,
101.6351

■ 59.1279, 73.9703,
19.8392

■ 83.0445, 84.4060,
106.5228

■ 57.4741, 73.2086,
15.6588

■ 84.0587, 84.9288,
106.5703

■ 56.1124, 72.5655,
12.9339

■ 85.0894, 85.4601,
106.6185

■ 55.0044, 72.0258,
11.4627

■ 86.1369, 86.0002,
106.6675

■ 54.3822, 71.7151,
10.9762

■ 87.2013, 86.5488,
106.7173

■ 88.2825, 87.1062,
106.7679

Harmonies

Analogous

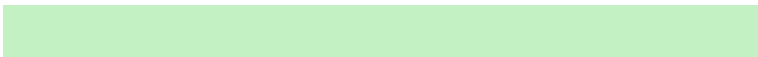
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1516, 78.4312, 51.9885



69.2381, 78.4312, 54.1373



64.0647, 78.4312, 64.0007

Triad

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



69.2381, 78.4312, 54.1373



66.6434, 78.4312, 120.9900



89.0351, 78.4312, 90.0444

Complementary

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



69.2381, 78.4312, 54.1373



51.2240, 48.6218, 84.5314

Split Complementary

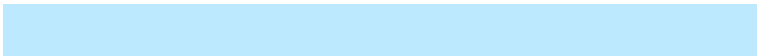
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.1135, 78.4312, 111.1013



69.2381, 78.4312, 54.1373



72.9641, 78.4312, 130.7203

Square

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



69.2381, 78.4312, 54.1373



62.6348, 78.4312, 101.9435



80.1195, 78.4312, 126.8395



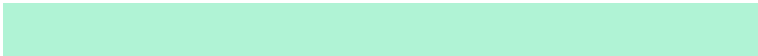
87.8800, 78.4312, 70.7476

Rectangle

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



69.2381, 78.4312, 54.1373



62.1494, 78.4312, 74.6091



80.1195, 78.4312, 126.8395



88.4914, 78.4312, 97.1803

Sweetspot

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



69.2401, 78.4347, 54.1390



91.4766, 98.4746, 94.4219



59.5072, 55.6217, 50.2486



19.5165, 21.0506, 19.9568



0.0000, 0.0000, 0.0000



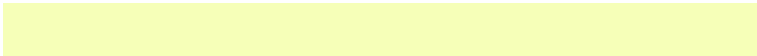
20.3446, 21.4041, 23.3091

Same Dimension

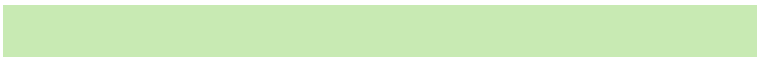
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.2401, 78.4347, 54.1390



82.3432, 94.5399, 59.0360



61.4040, 74.3950, 53.7722



16.1522, 17.5240, 16.0499



30.6331, 40.3364, 6.1712



2.4582, 3.1946, 0.4871

Inverse Universe

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



51.2240, 48.6218, 84.5314



57.0217, 52.6322, 101.7614



58.3903, 52.3162, 84.8668



14.4095, 14.6408, 18.9888



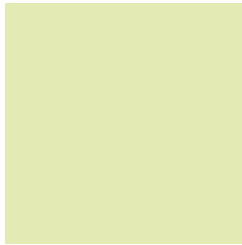
8.7003, 3.5211, 43.9640



0.7407, 0.3061, 3.4549

Previews

White Background



This preview shows how the XYZ color 69.2381, 78.4312, 54.1373 looks on a white background.

Color Contrast Check

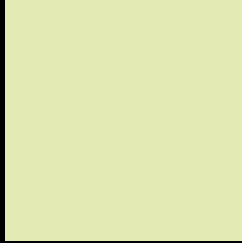
Large Text (above 18pt) WCAG AA × Fail

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 69.2381, 78.4312, 54.1373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

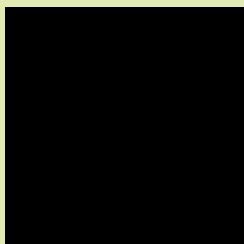
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

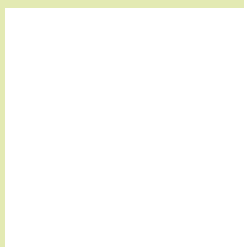
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2381, 78.4312, 54.1373

Background



This preview shows how black text looks on a background with the XYZ color 69.2381, 78.4312, 54.1373.



This preview shows how white text looks on a background with the XYZ color 69.2381, 78.4312,

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

69.2381, 78.4312, 54.1373

Protanopia

73.2634, 78.4460, 52.8752

Deuteranopia

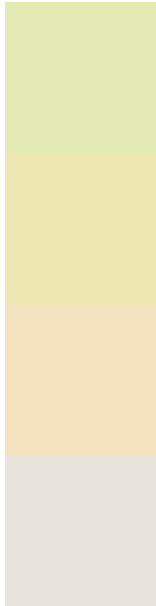
77.9365, 78.1589, 65.0113



Tritanopia

77.6949, 78.1544, 95.7844

Trichromacy



Original Color

69.2381, 78.4312, 54.1373

Protanomaly

71.8717, 78.5433, 53.4918

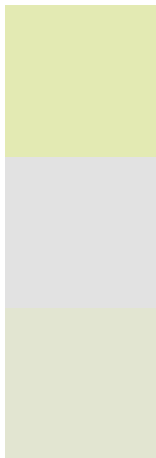
Deuteranomaly

74.6397, 78.1564, 61.0209

Tritanomaly

74.2659, 77.9778, 78.8471

Monochromacy



Original Color

69.2381, 78.4312, 54.1373

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

70.8920, 76.8108, 71.4112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2381, 78.4312, 54.1373 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(227, 234, 179)` looks like.

```
.text, #text, p{  
    color:rgb(227, 234, 179)  
}
```

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(227, 234, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 234, 179) }
```

Border

The CSS property to change the border of an element to XYZ 69.2381, 78.4312, 54.1373 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(227, 234, 179) }
```


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

```
.border{ border-color:rgb(227, 234, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 234, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 234, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 234, 179);  
box-shadow:4px 4px 4px 4px rgb(227, 234,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2381, 78.4312, 54.1373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 234, 179) }
```

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

```
.background{ background-color: rgb(227,  
234, 179) }
```

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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