

Converting Colors

XYZ(73.4569, 83.1967, 54.3065)

Have a look what the booklet for
XYZ(73.4569, 83.1967, 54.3065)
contains.

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Color

**XYZ(73.4569, 83.1967,
54.3065)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EBF0B2 |
| RGB | 235, 240, 178 |
| RGB Percent | 92%, 94%, 70% |
| CMY | 0.0784, 0.0588, 0.3020 |
| CMYK | 0.02, 0.00, 0.26, 0.06 |
| HSL | 65°, 67%, 82% |
| HSV | 65°, 26%, 94% |
| XYZ | 73.4569, 83.1967, 54.3065 |
| YIQ | 231.4370, 16.9220, -20.3420 |

Conversions

Conversions Part 2

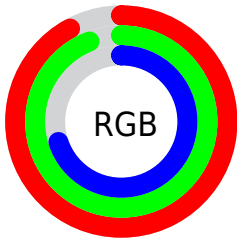
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 178, 240, 183 |
| Decimal | 15462578 |
| CIE _{Lab} | 93.10, -11.41, 29.50 |
| CIE _{LCh} | 93, 31.627, 111.154 |
| Yxy | 83.1967, 0.3482, 0.3944 |
| Android (android.graphics.Color) | 4293652658 (0xFFEBF0B2) |
| YUV | 231.4370, -26.3444, 3.1248 |
| Hunter-Lab | 91.2122, -15.8681, 28.5481 |

Details

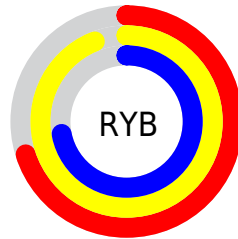
The XYZ color **73.4569, 83.1967, 54.3065** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.1803, 48.2016, 89.0491**, and the grayscale version is **76.4645, 80.4466, 87.6064**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **39.4326, 45.3454, 26.0762** is the 20% darker color. If you saturate the color by 10%, you get **70.6195, 81.9911, 42.6764**, and if you desaturate by 10%, it is **76.7272, 84.5820, 68.1609**.

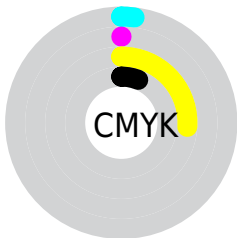
Distribution



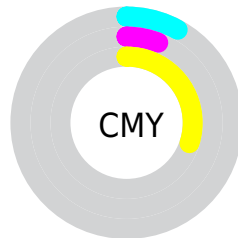
- Red (92%)
- Green (94%)
- Blue (70%)



- Red (70%)
- Yellow (94%)
- Blue (72%)



- Cyan (2%)
- Magenta (0%)
- Yellow (26%)
- Black (6%)





- Cyan (8%)
- Magenta (6%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4569, 83.1967, 54.3065 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 73.4569, 83.1967, 54.3065 by changing the saturation by 10% instead.


 73.4569, 83.1967,
54.3065

 73.4569, 83.1967,
54.3065


461.6761,
505.6418, 420.4853

 54.6394, 62.3524,
38.4519


 123.1253,
137.8509, 97.9851

 39.3457, 45.3175,
26.0291


154.7068,
172.4297, 126.6461

 27.2107, 31.7076,
16.6194


191.2737,
212.3554, 160.4131

 17.8690, 21.1383,
9.8044

233.1913,
258.0124, 199.7045

 10.9551, 13.2251,
5.1656

280.8250,
309.7852, 244.9389

 6.1037, 7.5837,
2.2843

334.5401,

 2.9495, 3.8298,

368.0581, 296.5348

0.7224

394.7021,
433.2155, 354.9107

■ 1.1271, 1.5788,
0.0000

■ 0.0476, 0.3432,
0.0000

■ 73.4569, 83.1967,
54.3065

■ 73.4569, 83.1967,
54.3065

■ 70.6195, 81.9911,
42.6764

■ 76.7272, 84.5820,
68.1609

■ 68.1866, 80.9452,
33.1496


■ 80.4444, 86.1440,
84.3416

■ 66.1363, 80.0532,
25.6019


■ 84.6297, 87.8940,
102.9506


■ 64.4423, 79.3045,
19.8934


■ 86.0881, 88.5541,
107.1631


 63.0743, 78.6870,
15.8666


 86.7595, 88.9002,
107.1945


 61.9975, 78.1868,
13.3372


 87.4379, 89.2500,
107.2262

 61.1686, 77.7865,
12.0775

 88.1235, 89.6034,
107.2583

 60.8680, 77.6378,
11.7775

 88.8161, 89.9605,
107.2907

 89.5160, 90.3213,
107.3235

Harmonies

Analogous

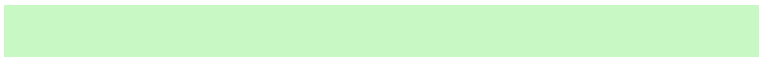
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.5548, 83.1967, 52.5236



73.4569, 83.1967, 54.3065



67.2895, 83.1967, 64.8438

Triad

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



73.4569, 83.1967, 54.3065



69.4851, 83.1967, 131.0376



95.9115, 83.1967, 97.7965

Complementary

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



73.4569, 83.1967, 54.3065



51.1803, 48.2016, 89.0491

Split Complementary

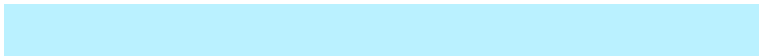
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1642, 83.1967, 122.3750



73.4569, 83.1967, 54.3065



76.6479, 83.1967, 143.6522

Square

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



73.4569, 83.1967, 54.3065



65.1104, 83.1967, 108.0974



84.9745, 83.1967, 140.2315



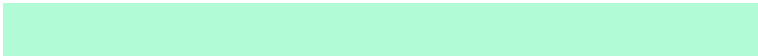
94.9080, 83.1967, 75.0778

Rectangle

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



73.4569, 83.1967, 54.3065



64.9174, 83.1967, 76.6146



84.9745, 83.1967, 140.2315



95.1566, 83.1967, 106.1627

Sweetspot

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



73.4590, 83.2004, 54.3083



91.3343, 98.4440, 92.4824



60.7291, 55.2523, 49.5847



19.4080, 21.0118, 19.1771



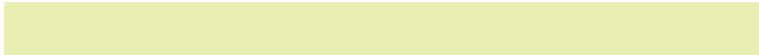
0.0000, 0.0000, 0.0000



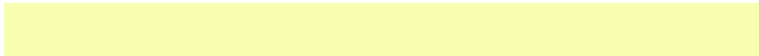
20.3446, 21.4041, 23.3091

Same Dimension

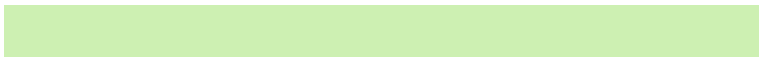
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4590, 83.2004, 54.3083



82.5224, 94.7222, 54.9822



64.3391, 78.4989, 53.8815



16.9897, 18.3903, 16.8040



33.3720, 42.5254, 6.4493



2.8132, 3.5568, 0.5383

Inverse Universe

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



51.1803, 48.2016, 89.0491



52.9354, 48.2366, 101.1283



59.1305, 52.3001, 89.4212



15.0155, 15.2897, 19.8814



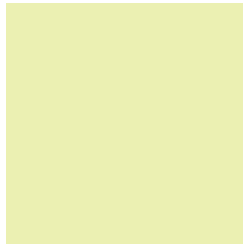
8.8040, 3.5440, 45.3479



0.7730, 0.3157, 3.7744

Previews

White Background



This preview shows how the XYZ color 73.4569, 83.1967, 54.3065 looks on a white background.

Color Contrast Check

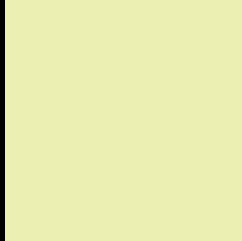
Large Text (above 18pt) WCAG AA × Fail

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 73.4569, 83.1967, 54.3065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

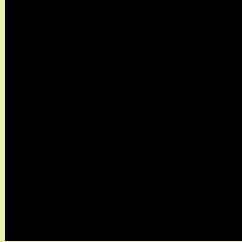
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

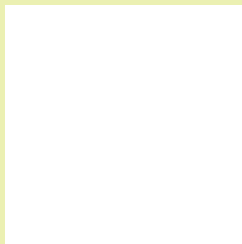
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4569, 83.1967, 54.3065

Background



This preview shows how black text looks on a background with the XYZ color 73.4569, 83.1967, 54.3065.



This preview shows how white text looks on a background with the XYZ color 73.4569, 83.1967,

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

73.4569, 83.1967, 54.3065

Protanopia

77.6897, 83.2467, 53.0478

Deuteranopia

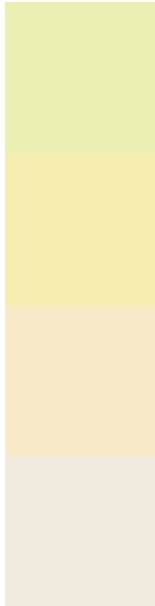
81.6996, 83.1653, 74.0338



Tritanopia

82.9830, 83.2245, 101.3128

Trichromacy



Original Color

73.4569, 83.1967, 54.3065

Protanomaly

76.2260, 83.3355, 53.6628

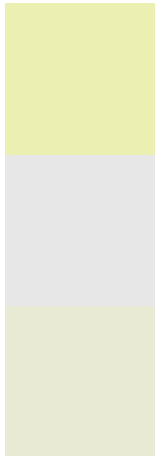
Deuteranomaly

78.5595, 82.9722, 66.5183

Tritanomaly

79.0177, 82.8741, 81.6437

Monochromacy



Original Color

73.4569, 83.1967, 54.3065

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.5852, 80.7549, 73.9436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4569, 83.1967, 54.3065 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(235, 240, 178)` looks like.

```
.text, #text, p{  
    color:rgb(235, 240, 178)  
}
```

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(235, 240, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 240, 178) }
```

Border

The CSS property to change the border of an element to XYZ 73.4569, 83.1967, 54.3065 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(235, 240, 178) }
```


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

```
.border{ border-color:rgb(235, 240, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 240, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 240, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 240, 178);  
box-shadow:4px 4px 4px 4px rgb(235, 240,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4569, 83.1967, 54.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 240, 178) }
```

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

```
.background{ background-color: rgb(235,  
240, 178) }
```

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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