

Converting Colors

XYZ(73.5251, 84.5223, 58.3588)

Have a look what the booklet for
XYZ(73.5251, 84.5223, 58.3588)
contains.

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Color

**XYZ(73.4407, 84.4270,
58.3242)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F3B9
RGB	230, 243, 185
RGB Percent	90%, 95%, 73%
CMY	0.0980, 0.0470, 0.2745
CMYK	0.05, 0.00, 0.24, 0.05
HSL	73°, 71%, 84%
HSV	73°, 24%, 95%
XYZ	73.4407, 84.4270, 58.3242
YIQ	232.5010, 10.8700, -20.7940

Conversions

Conversions Part 2

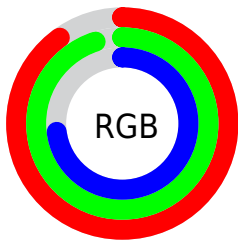
Format	Color
RYB	185, 243, 198
Decimal	15135673
CIELab	93.64, -13.75, 26.60
CIElCh	94, 29.945, 117.342
Yxy	84.4270, 0.3397, 0.3905
Android (android.graphics.Color)	4293325753 (0xFFE6F3B9)
YUV	232.5010, -23.4180, -2.1934
Hunter-Lab	91.8842, -18.1267, 26.6841

Details

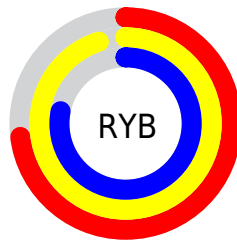
The XYZ color **73.4407, 84.4270, 58.3242** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **56.8186, 53.1770, 92.0683**, and the grayscale version is **77.2436, 81.2663, 88.4990**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **39.3907, 46.2053, 28.6722** is the 20% darker color. If you saturate the color by 10%, you get **69.3710, 82.6031, 45.8681**, and if you desaturate by 10%, it is **78.0080, 86.4619, 73.0956**.

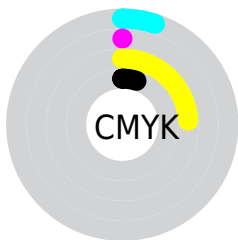
Distribution



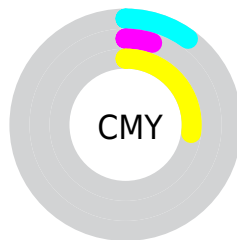
- Red (90%)
- Green (95%)
- Blue (73%)



- Red (73%)
- Yellow (95%)
- Blue (78%)



- Cyan (5%)
- Magenta (0%)
- Yellow (24%)
- Black (5%)





- Cyan (10%)
- Magenta (5%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4407, 84.4270, 58.3242 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 73.4407, 84.4270, 58.3242 by changing the saturation by 10% instead.


 73.4407, 84.4270,
58.3242

 73.4407, 84.4270,
58.3242


461.6210,
509.7301, 436.0248

 54.6261, 63.3680,
41.6529


 123.1024,
139.5723, 103.9143

 39.3351, 46.1390,
28.5061


154.6802,
174.4275, 133.6701

 27.2024, 32.3555,
18.4651

191.2430,
214.6502, 168.6246

 17.8626, 21.6332,
11.1116

233.1563,
260.6247, 209.1962

 10.9505, 13.5876,
6.0268

280.7854,
312.7356, 255.8035

 6.1006, 7.8344,
2.7923

334.4956,

 2.9476, 3.9892,

371.3672, 308.8650

0.9896

394.6524,
436.9039, 368.7993

■ 1.1261, 1.6675,
0.0000

■ 0.0468, 0.4025,
0.0000

■ 73.4407, 84.4270,
58.3242

■ 73.4407, 84.4270,
58.3242

■ 69.3710, 82.6031,
45.8681

■ 78.0080, 86.4619,
73.0956

■ 65.7695, 80.9699,
35.6045

■ 83.0874, 88.7053,
90.2861

■ 62.6136, 79.5211,
27.4076

■ 88.2300, 90.9803,
107.5185

■ 59.8761, 78.2459,
21.1362

■ 90.1730, 91.9819,
107.6094

■ 57.5263, 77.1318,
16.6321

■ 91.3424, 92.5848,
107.6641

■ 55.5289, 76.1647,
13.7113

■ 53.8409, 75.3273,
12.1500

■ 52.9199, 74.8623,
11.6607

Harmonies

Analogous

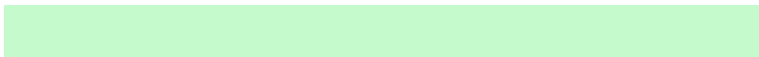
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9547, 84.4270, 54.8273



73.4407, 84.4270, 58.3242



68.0753, 84.4270, 70.3097

Triad

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



73.4407, 84.4270, 58.3242



72.2919, 84.4270, 133.8319



96.4685, 84.4270, 93.9672

Complementary

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



73.4407, 84.4270, 58.3242



56.8186, 53.1770, 92.0683

Split Complementary

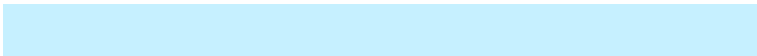
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.7857, 84.4270, 117.5742



73.4407, 84.4270, 58.3242



79.5401, 84.4270, 142.8381

Square

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



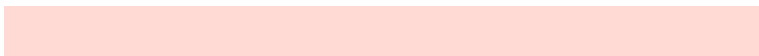
73.4407, 84.4270, 58.3242



67.4434, 84.4270, 113.4884



87.4578, 84.4270, 136.4508



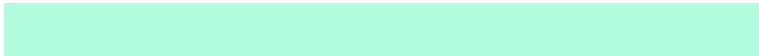
94.5727, 84.4270, 73.2850

Rectangle

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



73.4407, 84.4270, 58.3242



66.2627, 84.4270, 82.6820



87.4578, 84.4270, 136.4508



96.0684, 84.4270, 101.8359

Sweetspot

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



73.4429, 84.4307, 58.3260



90.8509, 98.1520, 94.3926



65.8172, 62.7503, 54.5432



19.3713, 20.9757, 19.9500



0.0000, 0.0000, 0.0000



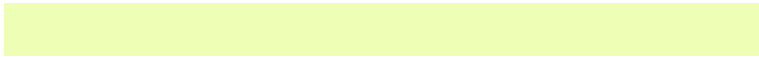
20.3446, 21.4041, 23.3091

Same Dimension

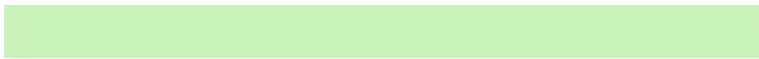
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4429, 84.4307, 58.3260



79.5065, 93.1081, 57.5242



65.0145, 80.0857, 57.9316



17.5300, 19.1153, 17.5633



29.1643, 41.1476, 6.4052



2.6503, 3.6614, 0.5670

Inverse Universe

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



56.8186, 53.1770, 92.0683



57.7755, 52.2437, 101.6467



65.0715, 57.4315, 92.4545



15.9287, 16.1059, 20.8118



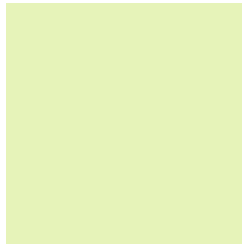
9.8230, 4.0383, 46.7998



0.9486, 0.3989, 4.1172

Previews

White Background



This preview shows how the XYZ color 73.4407, 84.4270, 58.3242 looks on a white background.

Color Contrast Check

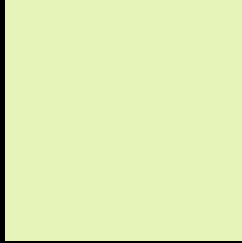
Large Text (above 18pt) WCAG AA × Fail

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 73.4407, 84.4270, 58.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

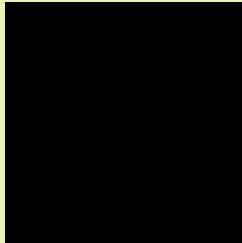
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

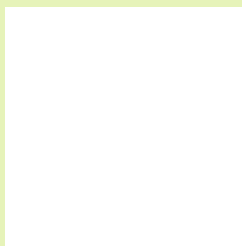
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4407, 84.4270, 58.3242

Background



This preview shows how black text looks on a background with the XYZ color 73.4407, 84.4270, 58.3242.

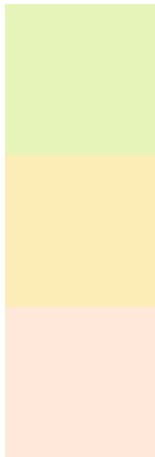


This preview shows how white text looks on a background with the XYZ color 73.4407, 84.4270,

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

73.4407, 84.4270, 58.3242

Protanopia

78.5838, 84.0638, 56.3401

Deuteranopia

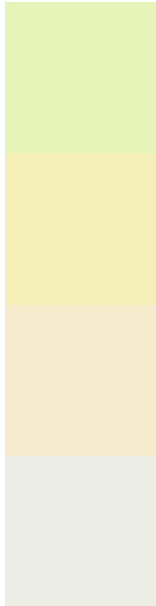
82.6210, 83.9830, 77.5014



Tritanopia

82.5901, 84.2246, 103.9995

Trichromacy



Original Color

73.4407, 84.4270, 58.3242

Protanomaly

76.7220, 84.3850, 57.0440

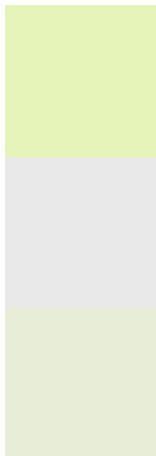
Deuteranomaly

79.0209, 83.9915, 69.8047

Tritanomaly

78.8798, 84.0027, 85.4555

Monochromacy



Original Color

73.4407, 84.4270, 58.3242

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

75.9576, 82.6820, 76.9216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4407, 84.4270, 58.3242 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(230, 243, 185)` looks like.

```
.text, #text, p{  
    color:rgb(230, 243, 185)  
}
```

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(230, 243, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 243, 185) }
```

Border

The CSS property to change the border of an element to XYZ 73.4407, 84.4270, 58.3242 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(230, 243, 185) }
```


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

```
.border{ border-color:rgb(230, 243, 185) }
```

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

Here you see how a box with a 4 pixel rgb(230, 243, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 243, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 243, 185);  
box-shadow:4px 4px 4px 4px rgb(230, 243,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4407, 84.4270, 58.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 243, 185) }
```

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

```
.background{ background-color: rgb(230,  
243, 185) }
```

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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