

Converting Colors

XYZ(76.4591, 88.7045, 58.4393)

Have a look what the booklet for
XYZ(76.4591, 88.7045, 58.4393)
contains.

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Color

**XYZ(76.4591, 88.7045,
58.4393)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFA9B8
RGB	234, 249, 184
RGB Percent	92%, 98%, 72%
CMY	0.0824, 0.0235, 0.2784
CMYK	0.06, 0.00, 0.26, 0.02
HSL	74°, 84%, 85%
HSV	74°, 26%, 98%
XYZ	76.4591, 88.7045, 58.4393
YIQ	237.1050, 11.9250, -23.3950

Conversions

Conversions Part 2

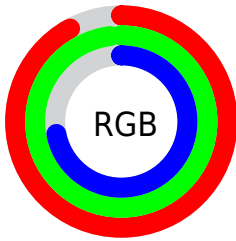
Format	Color
RYB	184, 249, 199
Decimal	15399352
CIELab	95.46, -15.40, 29.63
CIELCh	95, 33.396, 117.464
Yxy	88.7045, 0.3419, 0.3967
Android (android.graphics.Color)	4293589432 (0xFFEAF9B8)
YUV	237.1050, -26.1808, -2.7231
Hunter-Lab	94.1831, -19.9116, 29.1395

Details

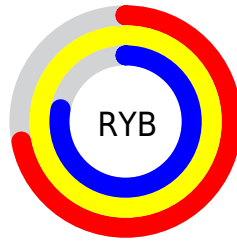
The XYZ color **76.4591, 88.7045, 58.4393** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **57.7961, 53.2651, 96.8625**, and the grayscale version is **80.7680, 84.9742, 92.5369**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **41.5268, 49.2436, 28.7890** is the 20% darker color. If you saturate the color by 10%, you get **72.2194, 86.7972, 45.7944**, and if you desaturate by 10%, it is **81.2241, 90.8351, 73.5106**.

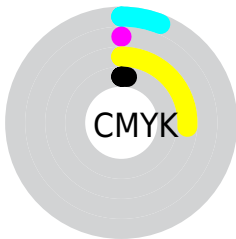
Distribution



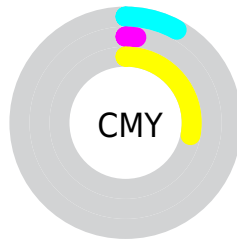
- Red (92%)
- Green (98%)
- Blue (72%)



- Red (72%)
- Yellow (98%)
- Blue (78%)



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



- Cyan (8%)
- Magenta (2%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4591, 88.7045, 58.4393 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 76.4591, 88.7045, 58.4393 by changing the saturation by 10% instead.


 76.4591, 88.7045,
58.4393

 76.4591, 88.7045,
58.4393


471.8381,
523.8076, 436.4648

 57.1074, 66.9067,
41.7449


 127.3526,
145.5376, 104.0834

 41.3320, 49.0088,
28.5775


159.6251,
181.3416, 133.8702

 28.7674, 34.6264,
18.5186

196.9352,
222.5832, 168.8581

 19.0483, 23.3753,
11.1497

239.6484,
269.6466, 209.4658

 11.8094, 14.8708,
6.0522

288.1299,
322.9164, 256.1118

 6.6853, 8.7288,
2.8075

342.7451,

 3.3107, 4.5647,

382.7769, 309.2146

0.9972

403.8594,
449.6125, 369.1927

■ 1.3201, 1.9942,
0.0000

■ 0.1982, 0.6041,
0.0000

■ 76.4591, 88.7045,
58.4393

■ 76.4591, 88.7045,
58.4393

■ 72.2194, 86.7972,
45.7944

■ 81.2241, 90.8351,
73.5106

■ 68.4736, 85.0913,
35.4432

■ 86.5304, 93.1863,
91.1202

■ 65.1969, 83.5801,
27.2493

■ 91.7995, 95.5299,
108.2085

■ 62.3598, 82.2516,
21.0593

■ 93.1676, 96.2351,
108.2725

■ 59.9286, 81.0922,
16.6997

■ 57.8642, 80.0864,
13.9675

■ 56.1182, 79.2145,
12.6107

■ 55.4957, 78.8997,
12.3042

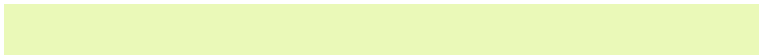
Harmonies

Analogous

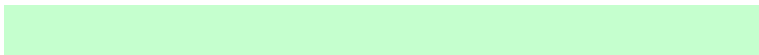
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0913, 88.7045, 54.5064



76.4591, 88.7045, 58.4393



70.3395, 88.7045, 71.9540

Triad

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



76.4591, 88.7045, 58.4393



75.2037, 88.7045, 145.5604



103.1246, 88.7045, 98.8292

Complementary

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



76.4591, 88.7045, 58.4393



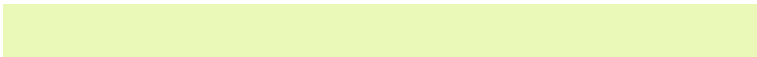
57.7961, 53.2651, 96.8625

Split Complementary

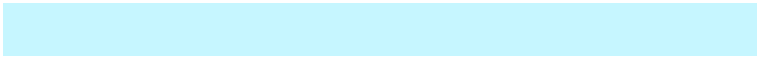
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.0199, 88.7045, 126.2769



76.4591, 88.7045, 58.4393



83.5354, 88.7045, 156.1300

Square

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



76.4591, 88.7045, 58.4393



69.6523, 88.7045, 121.7190



92.6828, 88.7045, 148.5086



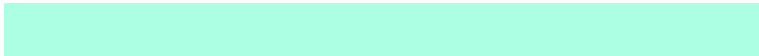
100.8942, 88.7045, 75.1720

Rectangle

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



76.4591, 88.7045, 58.4393



68.2857, 88.7045, 86.0616



92.6828, 88.7045, 148.5086



102.6656, 88.7045, 107.9312

Sweetspot

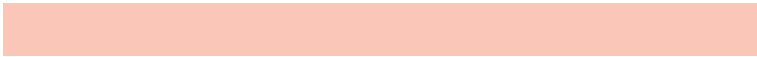
The Sweet Spot groups the original color and five complimentary colors.



76.4614, 88.7084, 58.4412



90.2263, 97.8728, 92.4305



67.9349, 64.0294, 54.1270



19.1271, 20.8670, 19.1640



0.0000, 0.0000, 0.0000



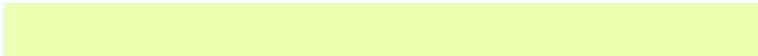
20.3446, 21.4041, 23.3091

Same Dimension

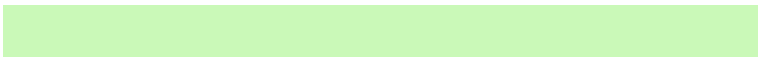
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4614, 88.7084, 58.4412



78.4338, 92.6145, 54.7908



67.0005, 83.8312, 57.9984



18.3127, 19.9770, 18.3532



29.8349, 42.2987, 6.5920



2.8551, 3.9649, 0.6148

Inverse Universe

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



57.7961, 53.2651, 96.8625



55.8645, 49.7466, 101.2654



67.0631, 58.0424, 97.2962



16.6579, 16.8363, 21.7571



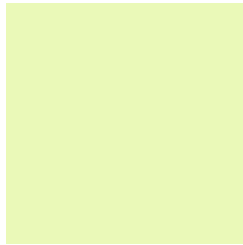
10.1727, 4.1869, 48.2455



1.0308, 0.4335, 4.4725

Previews

White Background



This preview shows how the XYZ color 76.4591, 88.7045, 58.4393 looks on a white background.

Color Contrast Check

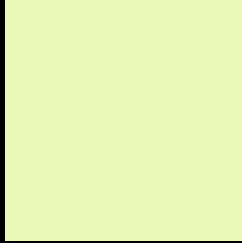
Large Text (above 18pt) WCAG AA × Fail

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 76.4591, 88.7045, 58.4393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

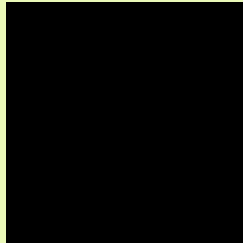
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

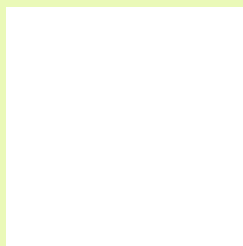
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4591, 88.7045, 58.4393

Background



This preview shows how black text looks on a background with the XYZ color 76.4591, 88.7045, 58.4393.

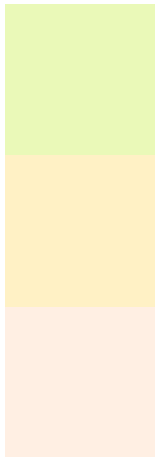


This preview shows how white text looks on a background with the XYZ color 76.4591, 88.7045,

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

76.4591, 88.7045, 58.4393

Protanopia

82.7733, 88.2018, 65.4854

Deuteranopia

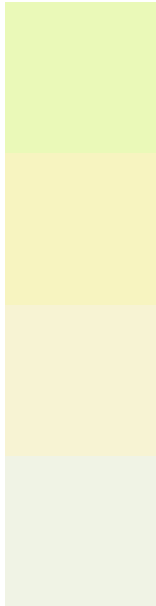
85.9716, 88.5391, 85.2316



Tritanopia

86.5183, 88.7733, 107.1827

Trichromacy



Original Color

76.4591, 88.7045, 58.4393

Protanomaly

80.2229, 88.2813, 62.6810

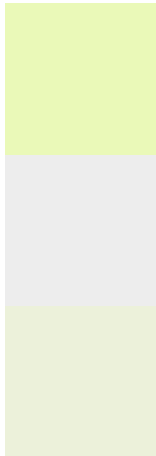
Deuteranomaly

82.1662, 88.5785, 74.3948

Tritanomaly

82.1286, 88.2836, 86.8405

Monochromacy



Original Color

76.4591, 88.7045, 58.4393

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

78.7023, 85.8054, 78.7437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4591, 88.7045, 58.4393 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(234, 249, 184)` looks like.

```
.text, #text, p{  
    color:rgb(234, 249, 184)  
}
```

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(234, 249, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 249, 184) }
```

Border

The CSS property to change the border of an element to XYZ 76.4591, 88.7045, 58.4393 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(234, 249, 184) }
```


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

```
.border{ border-color:rgb(234, 249, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 249, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 249, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 249, 184);  
box-shadow:4px 4px 4px 4px rgb(234, 249,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4591, 88.7045, 58.4393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 249, 184) }
```

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

```
.background{ background-color: rgb(234,  
249, 184) }
```

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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