

Converting Colors

XYZ(58.9940, 73.6403, 50.6474)

Have a look what the booklet for
XYZ(58.9940, 73.6403, 50.6474)
contains.

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Color

**XYZ(58.9894, 73.6403,
50.6401)**

Conversions

Conversions Part 1

Format	Color
Hex	C0EBAD
RGB	192, 235, 173
RGB Percent	75%, 92%, 68%
CMY	0.2471, 0.0784, 0.3216
CMYK	0.18, 0.00, 0.26, 0.08
HSL	102°, 61%, 80%
HSV	102°, 26%, 92%
XYZ	58.9894, 73.6403, 50.6401
YIQ	215.0750, -5.7260, -28.3980

Conversions

Conversions Part 2

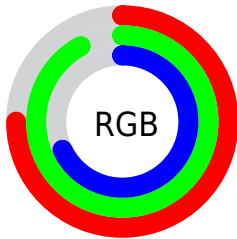
Format	Color
RYB	173, 235, 216
Decimal	12643245
CIELab	88.75, -25.02, 25.65
CIELCh	89, 35.834, 134.288
Yxy	73.6403, 0.3219, 0.4018
Android (android.graphics.Color)	4290833325 (0xFFC0EBAD)
YUV	215.0750, -20.7430, -20.2368
Hunter-Lab	85.8139, -27.4716, 25.0818

Details

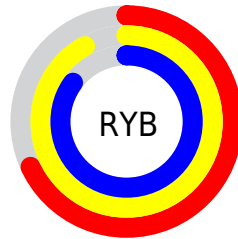
The XYZ color **58.9894, 73.6403, 50.6401** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.2610, 50.4864, 85.2754**, and the grayscale version is **64.7826, 68.1564, 74.2223**.

A 20% lighter version of the original color is **88.9698, 97.3169, 88.2236**, and **29.9915, 38.9995, 23.7162** is the 20% darker color. If you saturate the color by 10%, you get **53.0118, 70.8010, 39.5161**, and if you desaturate by 10%, it is **65.8280, 76.8816, 63.8952**.

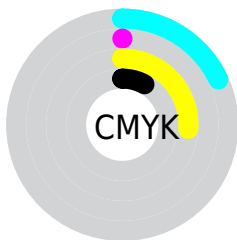
Distribution



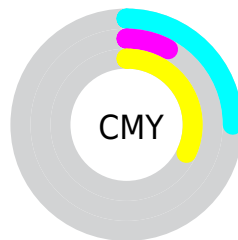
- Red (75%)
- Green (92%)
- Blue (68%)



- Red (68%)
- Yellow (92%)
- Blue (85%)



- Cyan (18%)
- Magenta (0%)
- Yellow (26%)
- Black (8%)





- Cyan (25%)
- Magenta (8%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9894, 73.6403, 50.6401 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 58.9894, 73.6403, 50.6401 by changing the saturation by 10% instead.


 58.9894, 73.6403,
50.6401

 58.9894, 73.6403,
50.6401


410.7573,
473.2310, 405.9704

 42.8509, 54.4997,
35.5475


 102.4770,
124.3858, 92.5286

 29.9622, 39.0013,
23.7980


130.5568,
156.7594, 120.1616

 19.9578, 26.7607,
14.9731


163.3477,
194.3129, 152.8119

 12.4725, 17.3936,
8.6541

201.2152,
237.4305, 190.8979

 7.1408, 10.5155,
4.4225

244.5246,
286.4968, 234.8382

 3.5974, 5.7421,
1.8599


293.6411,

 1.4770, 2.6889,


341.8960, 285.0514


0.4670


348.9302,
404.0126, 341.9559


 0.3101, 0.9716,
0.0000


 0.0000, 0.0000,
0.0000


 58.9894, 73.6403,
50.6401


 58.9894, 73.6403,
50.6401


 53.0118, 70.8010,
39.5161


 65.8280, 76.8816,
63.8952


 47.8537, 68.3381,
30.4075

 73.5553, 80.5305,
79.3796

 43.4784, 66.2377,
23.1945

 82.2051, 84.6044,
97.1910

 39.8441, 64.4811,
17.7432

 88.9998, 87.8997,
106.8833

■ 36.9046, 63.0477,
13.9019

■ 34.6075, 61.9144,
11.4931

■ 32.8904, 61.0539,
10.2951

■ 32.3830, 60.7977,
10.0284

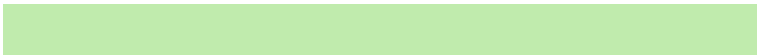
Harmonies

Analogous

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



65.9601, 73.6403, 42.2544



58.9894, 73.6403, 50.6401



55.1452, 73.6403, 67.9396

Triad

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



58.9894, 73.6403, 50.6401



65.5764, 73.6403, 135.4586



87.4159, 73.6403, 68.9702

Complementary

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



58.9894, 73.6403, 50.6401



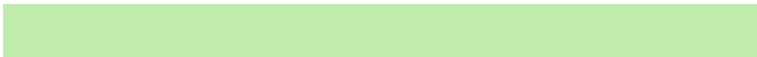
58.2610, 50.4864, 85.2754

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.



87.2917, 73.6403, 93.8127



58.9894, 73.6403, 50.6401



74.1869, 73.6403, 135.8943

Square

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



58.9894, 73.6403, 50.6401



58.7286, 73.6403, 118.3380



82.2861, 73.6403, 119.4280



82.6126, 73.6403, 51.2597

Rectangle

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



58.9894, 73.6403, 50.6401



54.6553, 73.6403, 83.8038



82.2861, 73.6403, 119.4280



87.9608, 73.6403, 76.6657

Sweetspot

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



58.9913, 73.6435, 50.6417



86.9224, 96.1696, 92.2759



66.2007, 69.4703, 49.4562



18.2950, 20.4380, 19.1250



0.0000, 0.0000, 0.0000



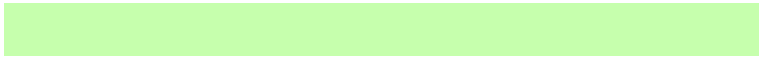
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9913, 73.6435, 50.6417



66.7368, 86.6133, 52.9390



55.6344, 71.7804, 56.4734



15.3024, 17.0859, 16.0101



18.1358, 33.8938, 5.5863



1.5190, 2.7104, 0.4431

Inverse Universe

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



58.2610, 50.4864, 85.2754



65.7024, 54.0832, 101.5840



62.6122, 52.9132, 77.1772



15.2396, 15.0688, 19.0276



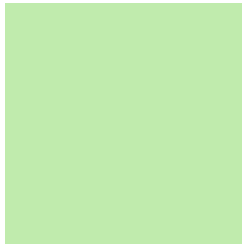
16.8871, 7.7415, 44.3472



1.4234, 0.6581, 3.4869

Previews

White Background



This preview shows how the XYZ color 58.9894, 73.6403, 50.6401 looks on a white background.

Color Contrast Check

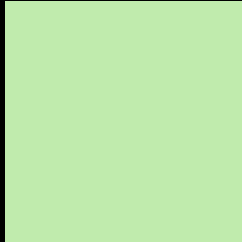
Large Text (above 18pt) WCAG AA × Fail

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 58.9894, 73.6403, 50.6401 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 58.9894, 73.6403, 50.6401

Background



This preview shows how black text looks on a background with the XYZ color 58.9894, 73.6403, 50.6401.

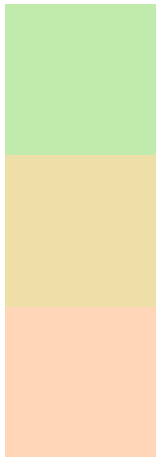


This preview shows how white text looks on a background with the XYZ color 58.9894, 73.6403, 50.6401.

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

58.9894, 73.6403, 50.6401

Protanopia

68.3562, 73.2097, 47.0873

Deuteranopia

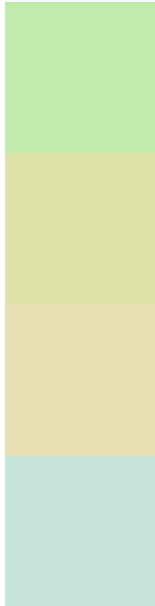
74.1922, 73.3216, 55.5895



Tritanopia

68.1541, 73.6209, 96.2061

Trichromacy



Original Color

58.9894, 73.6403, 50.6401

Protanomaly

64.4493, 73.1749, 48.2634

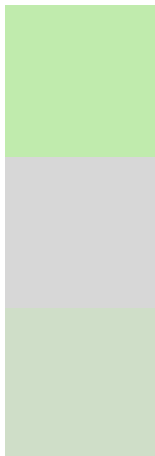
Deuteranomaly

67.6382, 72.6936, 53.6464

Tritanomaly

64.2274, 73.2427, 77.0818

Monochromacy



Original Color

58.9894, 73.6403, 50.6401

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

62.2787, 69.6781, 64.8104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9894, 73.6403, 50.6401 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(192, 235, 173)` looks like.

```
.text, #text, p{  
    color:rgb(192, 235, 173)  
}
```

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(192, 235, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 235, 173) }
```

Border

The CSS property to change the border of an element to XYZ 58.9894, 73.6403, 50.6401 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(192, 235, 173) }
```


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

```
.border{ border-color:rgb(192, 235, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 235, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 235, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 235, 173);  
box-shadow:4px 4px 4px 4px rgb(192, 235,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9894, 73.6403, 50.6401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 235, 173) }
```

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

```
.background{ background-color: rgb(192,  
235, 173) }
```

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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