

Converting Colors

XYZ(65.8952, 76.3550, 50.8001)

Have a look what the booklet for
XYZ(65.8952, 76.3550, 50.8001)
contains.

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Color

**XYZ(65.8952, 76.3550,
50.8001)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE9AD
RGB	219, 233, 173
RGB Percent	86%, 91%, 68%
CMY	0.1412, 0.0863, 0.3216
CMYK	0.06, 0.00, 0.26, 0.09
HSL	74°, 58%, 80%
HSV	74°, 26%, 91%
XYZ	65.8952, 76.3550, 50.8001
YIQ	221.9740, 10.9160, -21.6280

Conversions

Conversions Part 2

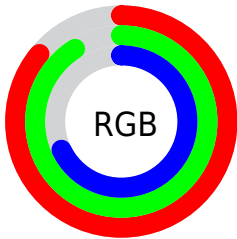
Format	Color
RYB	173, 233, 187
Decimal	14412205
CIELab	90.02, -14.47, 27.68
CIELCh	90, 31.235, 117.599
Yxy	76.3550, 0.3413, 0.3955
Android (android.graphics.Color)	4292602285 (0xFFDBE9AD)
YUV	221.9740, -24.1442, -2.6082
Hunter-Lab	87.3813, -18.3086, 26.6981

Details

The XYZ color **65.8952, 76.3550, 50.8001** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.1480, 46.3371, 83.3958**, and the grayscale version is **69.5742, 73.1975, 79.7121**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **34.2166, 40.5869, 23.7999** is the 20% darker color. If you saturate the color by 10%, you get **62.2255, 74.7038, 39.8680**, and if you desaturate by 10%, it is **70.0155, 78.1978, 63.8089**.

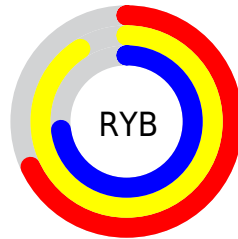
Distribution



Red (86%)

Green (91%)

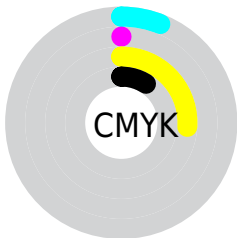
Blue (68%)



Red (68%)

Yellow (91%)

Blue (73%)

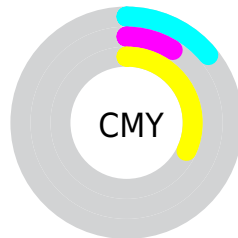


Cyan (6%)

Magenta (0%)

Yellow (26%)

Black (9%)



Cyan (14%)

Magenta (9%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8952, 76.3550, 50.8001 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 65.8952, 76.3550, 50.8001 by changing the saturation by 10% instead.

65.8952, 76.3550,
50.8001

65.8952, 76.3550,
50.8001

435.4965,
482.5621, 406.6110

48.4547, 56.7237,
35.6739

112.3945,
128.2286, 92.7677

34.3999, 40.7834,
23.8948

142.1840,
161.2396, 120.4462

23.3653, 28.1499,
15.0441

176.8205,
199.4794, 153.1459

14.9857, 18.4387,
8.7034

216.6695,
243.3322, 191.2853

8.8956, 11.2654,
4.4541

262.0962,
293.1824, 235.2830

4.7297, 6.2456,
1.8776

313.4661,

2.1227, 2.9950,

349.4146, 285.5574

0.4784

371.1444,
412.4130, 342.5273

0.7015, 1.1291,
0.0000

0.0000, 0.0026,
0.0000

65.8952, 76.3550,
50.8001

65.8952, 76.3550,
50.8001

62.2255, 74.7038,
39.8680

70.0155, 78.1978,
63.8089

58.9797, 73.2256,
30.9000

74.6001, 80.2300,
78.9891

56.1368, 71.9147,
23.7806

79.6689, 82.4622,
96.4357

53.6719, 70.7610,
18.3801

83.3822, 84.1585,
106.4572

■ 51.5565, 69.7530,
14.5521

■ 85.2641, 85.1286,
106.5453

■ 49.7577, 68.8775,
12.1257

■ 87.2018, 86.1276,
106.6360

■ 48.2349, 68.1183,
10.8901

■ 88.4305, 86.7610,
106.6935

■ 47.6437, 67.8197,
10.5794

Harmonies

Analogous

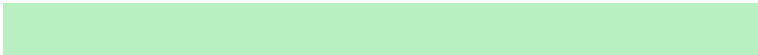
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.1983, 76.3550, 47.4134



65.8952, 76.3550, 50.8001



60.7202, 76.3550, 62.3285

Triad

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



65.8952, 76.3550, 50.8001



64.8879, 76.3550, 124.5609



88.4792, 76.3550, 84.9359

Complementary

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



65.8952, 76.3550, 50.8001



50.1480, 46.3371, 83.3958

Split Complementary

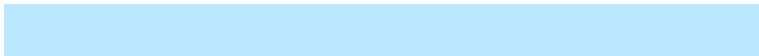
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.8762, 76.3550, 108.1285



65.8952, 76.3550, 50.8001



71.9515, 76.3550, 133.4004

Square

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



65.8952, 76.3550, 50.8001



60.1683, 76.3550, 104.4855



79.6877, 76.3550, 126.9133



86.5755, 76.3550, 64.9156

Rectangle

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



65.8952, 76.3550, 50.8001



58.9882, 76.3550, 74.3171



79.6877, 76.3550, 126.9133



88.0984, 76.3550, 92.6298

Sweetspot

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



65.8972, 76.3584, 50.8017



90.2076, 97.8632, 92.4296



58.9201, 55.8837, 47.2174



19.1224, 20.8645, 19.1637



0.0000, 0.0000, 0.0000



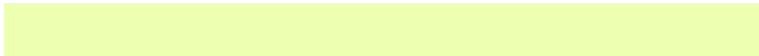
20.3446, 21.4041, 23.3091

Same Dimension

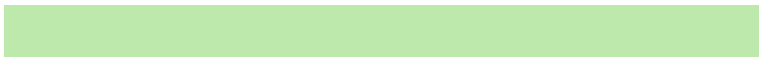
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.8972, 76.3584, 50.8017



78.3664, 92.5797, 54.7877



57.6705, 72.1174, 50.4167



15.9883, 17.4395, 16.0422



27.1470, 38.5393, 6.0080



2.2148, 3.0691, 0.4757

Inverse Universe

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



50.1480, 46.3371, 83.3958



55.9165, 49.7734, 101.2679



58.2694, 50.5239, 83.7759



14.5602, 14.7186, 18.9958



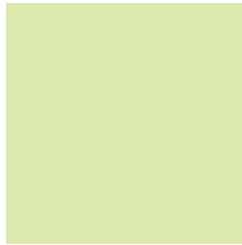
9.3110, 3.8359, 43.9926



0.8140, 0.3439, 3.4584

Previews

White Background



This preview shows how the XYZ color 65.8952, 76.3550, 50.8001 looks on a white background.

Color Contrast Check

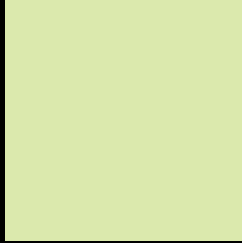
Large Text (above 18pt) WCAG AA × Fail

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 65.8952, 76.3550, 50.8001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

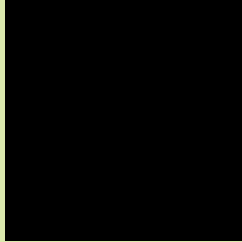
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

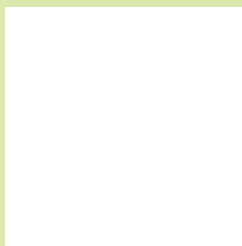
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8952, 76.3550, 50.8001

Background



This preview shows how black text looks on a background with the XYZ color 65.8952, 76.3550, 50.8001.



This preview shows how white text looks on a background with the XYZ color 65.8952, 76.3550,

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

65.8952, 76.3550, 50.8001

Protanopia

71.0700, 76.1722, 48.9871

Deuteranopia

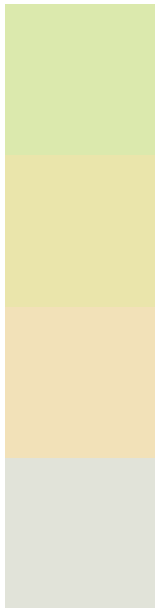
76.2372, 76.2080, 59.9817



Tritanopia

74.6776, 76.2161, 94.7796

Trichromacy



Original Color

65.8952, 76.3550, 50.8001

Protanomaly

69.3017, 76.4713, 49.6359

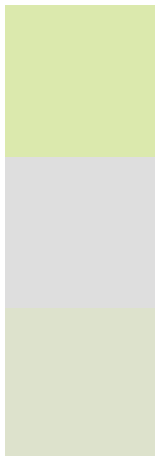
Deuteranomaly

72.1949, 76.1884, 56.2481

Tritanomaly

71.0448, 75.9555, 76.5621

Monochromacy



Original Color

65.8952, 76.3550, 50.8001

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

67.9142, 74.1245, 67.8547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8952, 76.3550, 50.8001 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(219, 233, 173)` looks like.

```
.text, #text, p{  
    color:rgb(219, 233, 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(219, 233, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 233, 173) }
```

Border

The CSS property to change the border of an element to XYZ 65.8952, 76.3550, 50.8001 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(219, 233, 173) }
```


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

```
.border{ border-color:rgb(219, 233, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 233, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 233, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 233, 173);  
box-shadow:4px 4px 4px 4px rgb(219, 233,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8952, 76.3550, 50.8001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 233, 173) }
```

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

```
.background{ background-color: rgb(219,  
233, 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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