

Converting Colors

XYZ(65.8043, 76.3034, 52.3420)

Have a look what the booklet for
XYZ(65.8043, 76.3034, 52.3420)
contains.

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Color

**XYZ(65.8888, 76.3178,
52.3324)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE9B0
RGB	218, 233, 176
RGB Percent	85%, 91%, 69%
CMY	0.1451, 0.0863, 0.3098
CMYK	0.06, 0.00, 0.24, 0.09
HSL	76°, 56%, 80%
HSV	76°, 24%, 91%
XYZ	65.8888, 76.3178, 52.3324
YIQ	222.0170, 9.3570, -20.9070

Conversions

Conversions Part 2

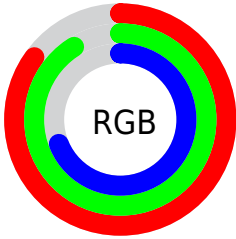
Format	Color
R _Y B	176, 233, 191
Decimal	14346672
CIE Lab	90.01, -14.41, 26.11
CIE LCh	90, 29.820, 118.898
Yxy	76.3178, 0.3387, 0.3923
Android (android.graphics.Color)	4292536752 (0xFFDAE9B0)
YUV	222.0170, -22.6864, -3.5229
Hunter-Lab	87.3601, -18.2516, 25.6348

Details

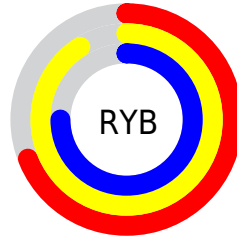
The XYZ color **65.8888, 76.3178, 52.3324** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.7222, 48.0123, 83.6362**, and the grayscale version is **69.5954, 73.2198, 79.7363**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **34.4015, 40.6609, 24.7741** is the 20% darker color. If you saturate the color by 10%, you get **61.9787, 74.5483, 41.1306**, and if you desaturate by 10%, it is **70.2665, 78.2873, 65.6248**.

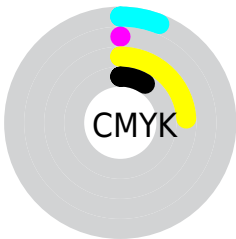
Distribution



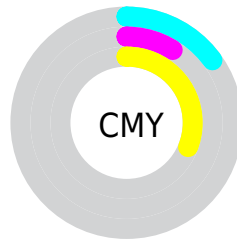
- Red (85%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (75%)



- Cyan (6%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)



- Cyan (15%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8888, 76.3178, 52.3324 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 65.8888, 76.3178, 52.3324 by changing the saturation by 10% instead.

65.8888, 76.3178,
52.3324

65.8888, 76.3178,
52.3324

435.4740,
482.4349, 412.7119

48.4495, 56.6931,
36.8860

112.3853,
128.1760, 95.0528

34.3957, 40.7589,
24.8242

142.1733,
161.1784, 123.1640

23.3621, 28.1308,
15.7283

176.8082,
199.4088, 156.3338

14.9833, 18.4243,
9.1798

216.6553,
243.2516, 194.9808

8.8939, 11.2550,
4.7602

262.0801,
293.0912, 239.5236

4.7286, 6.2386,
2.0510

313.4480,

2.1220, 2.9907,

349.3120, 290.3807

0.5864

371.1241,
412.2985, 347.9706

0.7011, 1.1269,
0.0000

0.0000, 0.0007,
0.0000

65.8888, 76.3178,
52.3324

65.8888, 76.3178,
52.3324

61.9787, 74.5483,
41.1306

70.2665, 78.2873,
65.6248

58.5094, 72.9604,
31.9079

75.1253, 80.4546,
81.1017

55.4600, 71.5481,
24.5502

80.4856, 82.8304,
98.8572

52.8057, 70.3013,
18.9295

83.9921, 84.4729,
106.4858

■ 50.5181, 69.2089,
14.9020

■ 86.1390, 85.5797,
106.5863

■ 48.5650, 68.2575,
12.3004

■ 88.3573, 86.7233,
106.6901

■ 46.9067, 67.4315,
10.9207

■ 88.4305, 86.7610,
106.6935

■ 46.0817, 67.0145,
10.5063

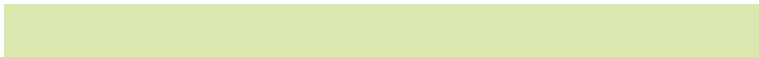
Harmonies

Analogous

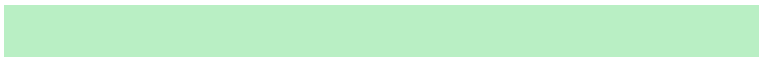
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8113, 76.3178, 48.7041



65.8888, 76.3178, 52.3324



61.0442, 76.3178, 63.8077

Triad

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



65.8888, 76.3178, 52.3324



65.4461, 76.3178, 123.0157



87.6839, 76.3178, 83.8818

Complementary

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



65.8888, 76.3178, 52.3324



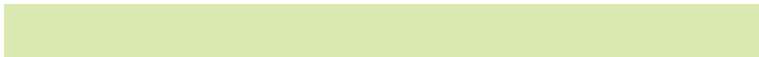
51.7222, 48.0123, 83.6362

Split Complementary

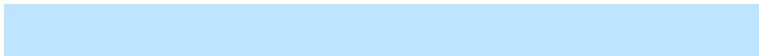
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.3905, 76.3178, 105.9281



65.8888, 76.3178, 52.3324



72.2650, 76.3178, 130.7575

Square

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



65.8888, 76.3178, 52.3324



60.8010, 76.3178, 104.3432



79.6197, 76.3178, 124.0346



85.6953, 76.3178, 64.9506

Rectangle

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



65.8888, 76.3178, 52.3324



59.4750, 76.3178, 75.5086



79.6197, 76.3178, 124.0346



87.3856, 76.3178, 91.1777

Sweetspot

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



65.8908, 76.3212, 52.3340



90.6004, 98.0229, 94.3809



59.9111, 57.3958, 48.9962



19.3131, 20.9457, 19.9473



0.0000, 0.0000, 0.0000



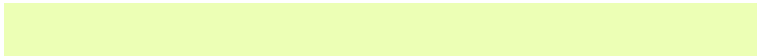
20.3446, 21.4041, 23.3091

Same Dimension

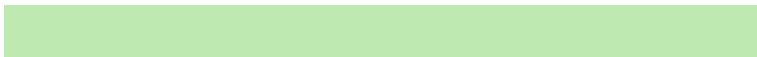
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.8908, 76.3212, 52.3340



78.5432, 92.6115, 57.4791



58.2756, 72.3954, 51.9777



15.9426, 17.4159, 16.0401



26.2690, 38.0866, 5.9669



2.1523, 3.0369, 0.4727

Inverse Universe

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



51.7222, 48.0123, 83.6362



58.5415, 52.6386, 101.6825



59.3742, 51.9571, 83.9943



14.6030, 14.7406, 18.9978



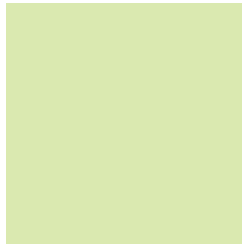
9.5485, 3.9583, 44.0037



0.8379, 0.3563, 3.4595

Previews

White Background



This preview shows how the XYZ color 65.8888, 76.3178, 52.3324 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 65.8888, 76.3178, 52.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

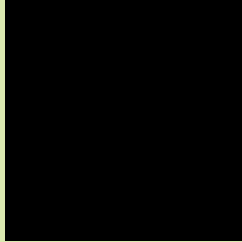
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8888, 76.3178, 52.3324

Background



This preview shows how black text looks on a background with the XYZ color 65.8888, 76.3178, 52.3324.



This preview shows how white text looks on a background with the XYZ color 65.8888, 76.3178,

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

65.8888, 76.3178, 52.3324

Protanopia

71.3571, 76.2871, 50.4991

Deuteranopia

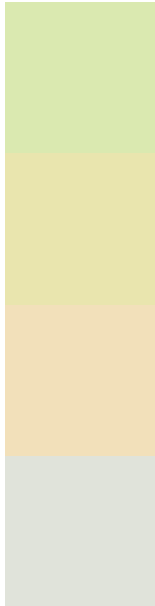
76.0859, 75.7288, 60.4761



Tritanopia

74.3612, 76.0530, 94.7648

Trichromacy



Original Color

65.8888, 76.3178, 52.3324

Protanomaly

69.2636, 76.4183, 51.1440

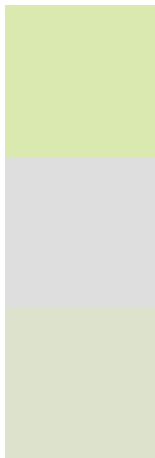
Deuteranomaly

72.1365, 75.7337, 57.2704

Tritanomaly

70.8644, 75.8474, 77.2347

Monochromacy



Original Color

65.8888, 76.3178, 52.3324

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.0346, 74.1726, 68.4886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8888, 76.3178, 52.3324 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(218, 233, 176)` looks like.

```
.text, #text, p{  
    color:rgb(218, 233, 176)  
}
```

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(218, 233, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 233, 176) }
```

Border

The CSS property to change the border of an element to XYZ 65.8888, 76.3178, 52.3324 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(218, 233, 176) }
```


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

```
.border{ border-color:rgb(218, 233, 176) }
```

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

Here you see how a box with a 4 pixel rgb(218, 233, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 233, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 233, 176);  
box-shadow:4px 4px 4px 4px rgb(218, 233,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8888, 76.3178, 52.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 233, 176) }
```

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

```
.background{ background-color: rgb(218,  
233, 176) }
```

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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