

Converting Colors

XYZ(61.3158, 73.8194, 56.3179)

Have a look what the booklet for
XYZ(61.3158, 73.8194, 56.3179)
contains.

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Color

**XYZ(61.3438, 73.8806,
56.3746)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E9B8
RGB	199, 233, 184
RGB Percent	78%, 91%, 72%
CMY	0.2196, 0.0863, 0.2784
CMYK	0.15, 0.00, 0.21, 0.09
HSL	102°, 53%, 82%
HSV	102°, 21%, 91%
XYZ	61.3438, 73.8806, 56.3746
YIQ	217.2480, -4.5350, -22.4470

Conversions

Conversions Part 2

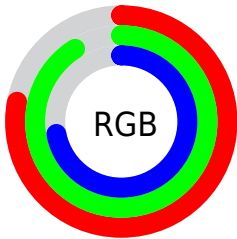
Format	Color
RYB	184, 233, 218
Decimal	13101496
CIELab	88.87, -19.91, 20.21
CIELCh	89, 28.369, 134.580
Yxy	73.8806, 0.3202, 0.3856
Android (android.graphics.Color)	4291291576 (0xFFC7E9B8)
YUV	217.2480, -16.3913, -16.0035
Hunter-Lab	85.9538, -23.0267, 21.2811

Details

The XYZ color **61.3438, 73.8806, 56.3746** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.7649, 55.0717, 84.5219**, and the grayscale version is **66.2362, 69.6857, 75.8877**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **31.4959, 39.1027, 27.3603** is the 20% darker color. If you saturate the color by 10%, you get **55.0357, 70.8902, 44.3628**, and if you desaturate by 10%, it is **68.5141, 77.2733, 70.5297**.

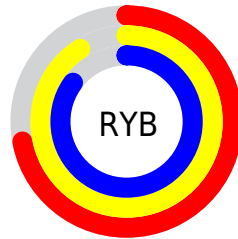
Distribution



Red (78%)

Green (91%)

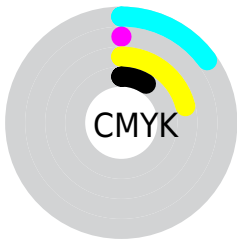
Blue (72%)



Red (72%)

Yellow (91%)

Blue (85%)

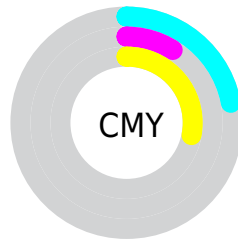


Cyan (15%)

Magenta (0%)

Yellow (21%)

Black (9%)



Cyan (22%)

Magenta (9%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3438, 73.8806, 56.3746 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 61.3438, 73.8806, 56.3746 by changing the saturation by 10% instead.

61.3438, 73.8806,
56.3746

61.3438, 73.8806,
56.3746

419.2892,
474.0612, 428.5296

44.7563, 54.6963,
40.0973

105.8719,
124.7265, 101.0433

31.4660, 39.1586,
27.3001

134.5431,
157.1570, 130.2719

21.1075, 26.8832,
17.5643

167.9730,
194.7716, 164.6546

13.3155, 17.4855,
10.4714

206.5269,
237.9548, 204.6100

7.7247, 10.5812,
5.6030

250.5701,
287.0910, 250.5567

3.9696, 5.7860,
2.5403


300.4680,


1.6849, 2.7154,

342.5645, 302.9131


0.8614


356.5859,
404.7598, 362.0979


 0.4468, 0.9850,
0.0000


 0.0000, 0.0000,
0.0000


 61.3438, 73.8806,
56.3746


 61.3438, 73.8806,
56.3746


 55.0357, 70.8902,
44.3628


 68.5141, 77.2733,
70.5297


 49.5499, 68.2773,
34.3853

 76.5725, 81.0731,
86.9205

 44.8523, 66.0290,
26.3305

 85.5511, 85.2968,
105.6398

 40.9037, 64.1278,
20.0744

 88.4304, 86.7608,
106.6935

■ 37.6612, 62.5546,
15.4784

■ 35.0770, 61.2882,
12.3836

■ 33.0960, 60.3044,
10.6001

■ 31.7623, 59.6324,
9.8362

Harmonies

Analogous

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



66.9453, 73.8806, 49.0802



61.3438, 73.8806, 56.3746



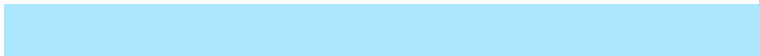
58.2312, 73.8806, 70.7893

Triad

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



61.3438, 73.8806, 56.3746



66.7641, 73.8806, 122.7457



83.8101, 73.8806, 71.2830

Complementary

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



61.3438, 73.8806, 56.3746



60.7649, 55.0717, 84.5219

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.



83.7537, 73.8806, 90.9376



61.3438, 73.8806, 56.3746



73.6024, 73.8806, 122.9363

Square

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



61.3438, 73.8806, 56.3746



61.2186, 73.8806, 110.0561



79.9164, 73.8806, 110.5407



80.0660, 73.8806, 56.6849

Rectangle

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



61.3438, 73.8806, 56.3746



57.8492, 73.8806, 83.5050



79.9164, 73.8806, 110.5407



84.2424, 73.8806, 77.4576

Sweetspot

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



61.3458, 73.8838, 56.3762



88.8849, 97.0951, 96.2611



67.1966, 70.6627, 55.4461



18.8866, 20.7171, 20.3226



0.0000, 0.0000, 0.0000



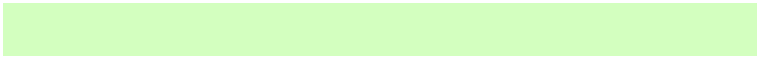
20.3446, 21.4041, 23.3091

Same Dimension

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



61.3458, 73.8838, 56.3762



71.9875, 89.1065, 62.8397



58.5321, 72.3210, 61.3182



15.3019, 17.0857, 16.0101



18.1325, 33.8921, 5.5862



1.5187, 2.7103, 0.4431

Inverse Universe

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



60.7649, 55.0717, 84.5219



71.1575, 62.3360, 102.8894



64.2043, 56.9893, 78.1522



15.2401, 15.0691, 19.0276



16.8959, 7.7461, 44.3476



1.4240, 0.6584, 3.4869

Previews

White Background



This preview shows how the XYZ color 61.3438, 73.8806, 56.3746 looks on a white background.

Color Contrast Check

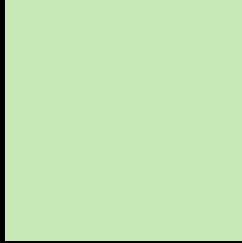
Large Text (above 18pt) WCAG AA × Fail

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 61.3438, 73.8806, 56.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

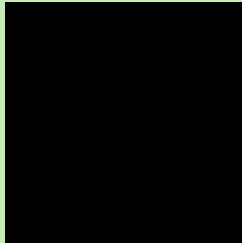
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

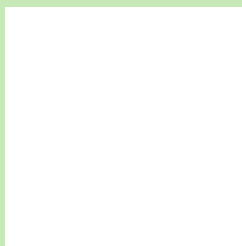
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3438, 73.8806, 56.3746

Background



This preview shows how black text looks on a background with the XYZ color 61.3438, 73.8806, 56.3746.



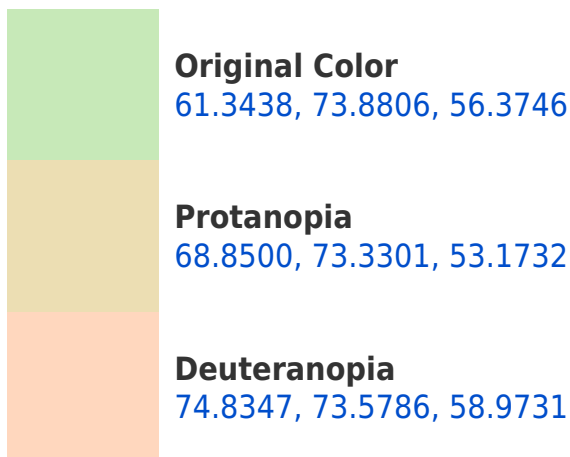
This preview shows how white text looks on a background with the XYZ color 61.3438, 73.8806,

56.3746.

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





Tritanopia

69.1153, 73.7314, 95.3828

Trichromacy



Original Color

61.3438, 73.8806, 56.3746

Protanomaly

65.9683, 73.4169, 54.4100

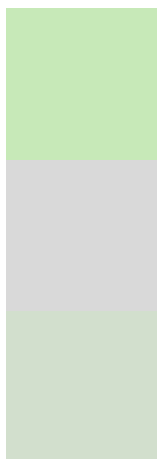
Deuteranomaly

69.4593, 73.5356, 58.1098

Tritanomaly

66.1051, 73.7399, 79.8564

Monochromacy



Original Color

61.3438, 73.8806, 56.3746

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

63.9855, 70.8848, 68.0673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3438, 73.8806, 56.3746 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(199, 233, 184)` looks like.

```
.text, #text, p{  
    color:rgb(199, 233, 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(199, 233, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 233, 184) }
```

Border

The CSS property to change the border of an element to XYZ 61.3438, 73.8806, 56.3746 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(199, 233, 184) }
```


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

```
.border{ border-color:rgb(199, 233, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 233, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 233, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 233, 184);  
box-shadow:4px 4px 4px 4px rgb(199, 233,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3438, 73.8806, 56.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 233, 184) }
```

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

```
.background{ background-color: rgb(199,  
233, 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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