

Converting Colors

XYZ(58.6805, 71.4160, 43.4118)

Have a look what the booklet for
XYZ(58.6805, 71.4160, 43.4118)
contains.

XYZ(58.6422, 71.5143, 43.5138)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.6422, 71.5143,
43.5138)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E69F
RGB	201, 230, 159
RGB Percent	79%, 90%, 62%
CMY	0.2118, 0.0980, 0.3765
CMYK	0.13, 0.00, 0.31, 0.10
HSL	85°, 59%, 76%
HSV	85°, 31%, 90%
XYZ	58.6422, 71.5143, 43.5138
YIQ	213.2350, 5.5070, -28.2290

Conversions

Conversions Part 2

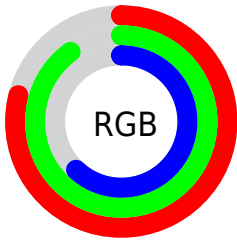
Format	Color
RYB	159, 230, 188
Decimal	13231775
CIELab	87.73, -21.47, 31.54
CIELCh	88, 38.152, 124.251
Yxy	71.5143, 0.3377, 0.4118
Android (android.graphics.Color)	4291421855 (0xFFC9E69F)
YUV	213.2350, -26.7379, -10.7301
Hunter-Lab	84.5661, -24.2103, 28.6884

Details

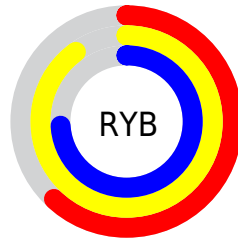
The XYZ color **58.6422, 71.5143, 43.5138** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **47.4230, 41.2028, 80.3203**, and the grayscale version is **63.5755, 66.8864, 72.8393**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **29.6440, 37.4446, 19.5751** is the 20% darker color. If you saturate the color by 10%, you get **54.3806, 69.5291, 33.8475**, and if you desaturate by 10%, it is **63.4334, 73.7340, 55.1463**.

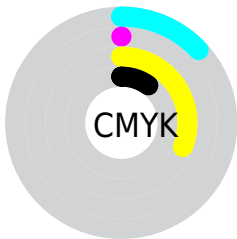
Distribution



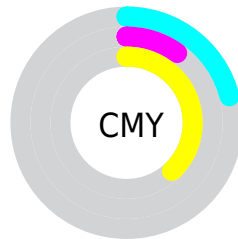
- Red (79%)
- Green (90%)
- Blue (62%)



- Red (62%)
- Yellow (90%)
- Blue (74%)



- Cyan (13%)
- Magenta (0%)
- Yellow (31%)
- Black (10%)



- Cyan (21%)
- Magenta (10%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6422, 71.5143, 43.5138 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 58.6422, 71.5143, 43.5138 by changing the saturation by 10% instead.

■ 58.6422, 71.5143,
43.5138

■ 58.6422, 71.5143,
43.5138

409.4901,
465.8493, 376.7036

■ 42.5704, 52.7620,
29.9541

■ 101.9751,
121.3657, 81.7803

■ 29.7413, 37.6128,
19.5520

■ 129.9669,
153.2337, 107.3241

■ 19.7894, 25.6823,
11.8890

162.6627,
190.2423, 137.6998

■ 12.3494, 16.5861,
6.5465

200.4279,
232.7760, 173.3257

■ 7.0560, 9.9399,
3.1060

243.6279,
281.2191, 214.6205

■ 3.5438, 5.3591,
1.1490

292.6281,

■ 1.4474, 2.4595,

335.9561, 262.0028

0.0000

347.7937,
397.3714, 315.8910

■ 0.2896, 0.8562,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6422, 71.5143,
43.5138

■ 58.6422, 71.5143,
43.5138

■ 54.3806, 69.5291,
33.8475

■ 63.4334, 73.7340,
55.1463

■ 50.6198, 67.7594,
26.0341

■ 68.7704, 76.1877,
68.8409

■ 47.3361, 66.1977,
19.9556

■ 74.6755, 78.8872,
84.6926

■ 44.5013, 64.8325,
15.4787

■ 81.1677, 81.8402,
102.7892

■ 42.0835, 63.6506,
12.4506

■ 85.0523, 83.7692,
106.2941

■ 40.0449, 62.6365,
10.6889

■ 87.5883, 85.0766,
106.4128

■ 38.4594, 61.8348,
9.9083

Harmonies

Analogous

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



66.6905, 71.5143, 37.9951



58.6422, 71.5143, 43.5138



53.4740, 71.5143, 58.1634

Triad

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



58.6422, 71.5143, 43.5138



60.6902, 71.5143, 131.9253



86.8420, 71.5143, 74.2311

Complementary

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



58.6422, 71.5143, 43.5138



47.4230, 41.2028, 80.3203

Split Complementary

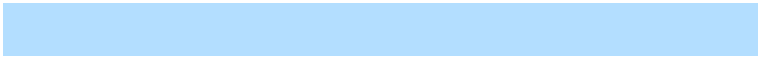
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.8792, 71.5143, 101.5826



58.6422, 71.5143, 43.5138



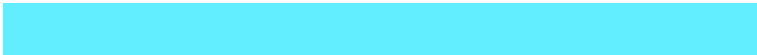
69.2702, 71.5143, 138.8810

Square

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



58.6422, 71.5143, 43.5138



54.5808, 71.5143, 109.4145



78.2428, 71.5143, 126.7449



83.3923, 71.5143, 53.0536

Rectangle

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



58.6422, 71.5143, 43.5138



52.0885, 71.5143, 72.9815



78.2428, 71.5143, 126.7449



86.7953, 71.5143, 82.9657

Sweetspot

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



58.6440, 71.5174, 43.5153



88.2072, 96.8741, 90.4307



56.7491, 55.0393, 40.4346



18.6552, 20.6321, 18.7625



0.0000, 0.0000, 0.0000



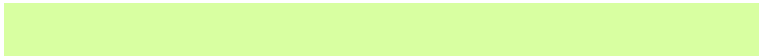
20.3446, 21.4041, 23.3091

Same Dimension

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



58.6440, 71.5174, 43.5153



70.6166, 88.7496, 46.9651



50.3039, 67.2180, 43.1250



15.0025, 16.5083, 15.3002



21.9144, 35.0788, 5.6159



1.7241, 2.6462, 0.4199

Inverse Universe

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



47.4230, 41.2028, 80.3203



54.3380, 44.7560, 100.3826



57.0844, 46.1834, 80.7724



14.1376, 14.1731, 18.1349



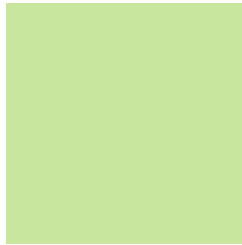
10.8276, 4.6477, 42.7096



0.9033, 0.3966, 3.1609

Previews

White Background



This preview shows how the XYZ color 58.6422, 71.5143, 43.5138 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 58.6422, 71.5143, 43.5138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

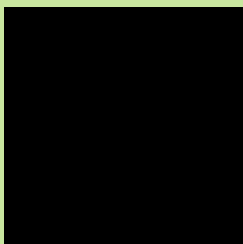
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

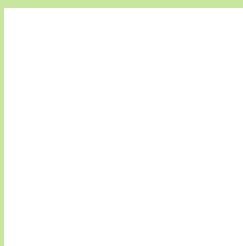
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6422, 71.5143, 43.5138

Background



This preview shows how black text looks on a background with the XYZ color 58.6422, 71.5143, 43.5138.

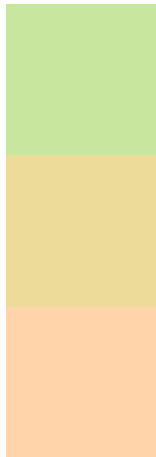


This preview shows how white text looks on a background with the XYZ color 58.6422, 71.5143,

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

58.6422, 71.5143, 43.5138

Protanopia

66.0893, 71.0007, 40.7931

Deuteranopia

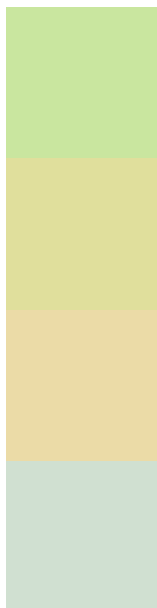
72.1342, 71.2872, 48.4860



Tritanopia

68.0306, 71.2979, 90.2970

Trichromacy



Original Color

58.6422, 71.5143, 43.5138

Protanomaly

63.1289, 71.0229, 41.8340

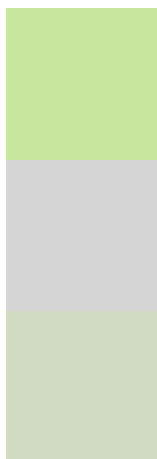
Deuteranomaly

66.5675, 71.1152, 46.7773

Tritanomaly

64.1767, 71.3247, 70.7062

Monochromacy



Original Color

58.6422, 71.5143, 43.5138

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.2517, 68.0686, 60.3623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6422, 71.5143, 43.5138 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(201, 230, 159)` looks like.

```
.text, #text, p{  
    color:rgb(201, 230, 159)  
}
```

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(201, 230, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 230, 159) }
```

Border

The CSS property to change the border of an element to XYZ 58.6422, 71.5143, 43.5138 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(201, 230, 159) }
```


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

```
.border{ border-color:rgb(201, 230, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 230, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 230, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 230, 159); box-shadow:4px 4px 4px 4px rgb(201, 230, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6422, 71.5143, 43.5138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 230, 159) }
```

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

```
.background{ background-color: rgb(201,  
230, 159) }
```

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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