

Converting Colors

XYZ(58.8751, 68.5116, 56.0200)

Have a look what the booklet for
XYZ(58.8751, 68.5116, 56.0200)
contains.

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Color

**XYZ(58.9640, 68.5575,
56.0241)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DFB9
RGB	200, 223, 185
RGB Percent	78%, 87%, 73%
CMY	0.2157, 0.1255, 0.2745
CMYK	0.10, 0.00, 0.17, 0.13
HSL	96°, 37%, 80%
HSV	96°, 17%, 87%
XYZ	58.9640, 68.5575, 56.0241
YIQ	211.7910, -1.5100, -16.6940

Conversions

Conversions Part 2

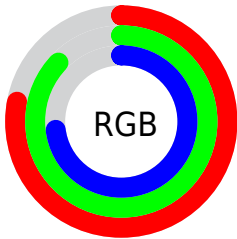
Format	Color
RYB	185, 223, 208
Decimal	13164473
CIELab	86.28, -14.45, 16.09
CIELCh	86, 21.623, 131.921
Yxy	68.5575, 0.3212, 0.3735
Android (android.graphics.Color)	4291354553 (0xFFC8DFB9)
YUV	211.7910, -13.2080, -10.3407
Hunter-Lab	82.7995, -17.7838, 17.8426

Details

The XYZ color **58.9640, 68.5575, 56.0241** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.6835, 53.4375, 77.1426**, and the grayscale version is **62.5277, 65.7840, 71.6388**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **30.0215, 35.7822, 27.1541** is the 20% darker color. If you saturate the color by 10%, you get **53.3450, 65.9138, 44.4212**, and if you desaturate by 10%, it is **65.2744, 71.5189, 69.5897**.

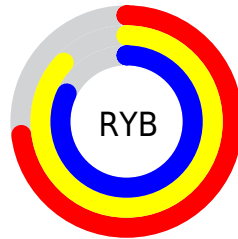
Distribution



Red (78%)

Green (87%)

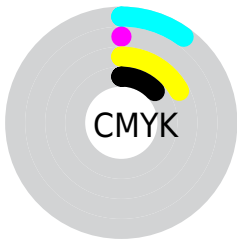
Blue (73%)



Red (73%)

Yellow (87%)

Blue (82%)

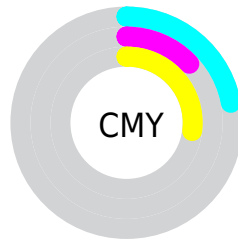


Cyan (10%)

Magenta (0%)

Yellow (17%)

Black (13%)



Cyan (22%)


Magenta (13%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9640, 68.5575, 56.0241 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 58.9640, 68.5575, 56.0241 by changing the saturation by 10% instead.


 58.9640, 68.5575,
56.0241

 58.9640, 68.5575,
56.0241


410.6647,
455.4687, 427.1732

 42.8304, 50.3514,
39.8181


 102.4403,
117.1493, 100.5260

 29.9460, 35.6927,
27.0841


130.5136,
148.3039, 129.6589

 19.9455, 24.1970,
17.4034


163.2977,
184.5434, 163.9380

 12.4635, 15.4798,
10.3575

201.1577,
226.2522, 203.7816

 7.1346, 9.1568,
5.5279

244.4590,
273.8147, 249.6084

 3.5935, 4.8436,
2.4961


293.5671,

 1.4748, 2.1558,


327.6154, 301.8369


0.8381


348.8472,
388.0386, 360.8857

 0.3086, 0.6957,
0.0000


 0.0000, 0.0000,
0.0000

 58.9640, 68.5575,
56.0241


 58.9640, 68.5575,
56.0241

 53.3450, 65.9138,
44.4212


 65.2744, 71.5189,
69.5897


 48.3865, 63.5680,
34.6858

 72.2945, 74.7997,
85.1983

 44.0632, 61.5110,
26.7212

 80.0489, 78.4128,
102.9313

 40.3460, 59.7304,
20.4207

 85.3111, 81.0684,
105.7591

■ 37.2032, 58.2122,
15.6657

■ 85.6791, 81.2581,
105.7764

■ 34.5996, 56.9413,
12.3222

■ 32.4950, 55.9004,
10.2330

■ 30.8397, 55.0683,
9.1933

■ 30.4149, 54.8535,
8.9848

Harmonies

Analogous

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



63.2015, 68.5575, 50.8758



58.9640, 68.5575, 56.0241



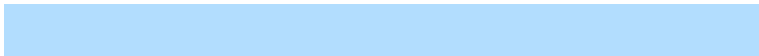
56.4660, 68.5575, 66.4465

Triad

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



58.9640, 68.5575, 56.0241



62.2316, 68.5575, 103.9104



74.9999, 68.5575, 69.1182

Complementary

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



58.9640, 68.5575, 56.0241



56.6835, 53.4375, 77.1426

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.



74.7075, 68.5575, 83.4969



58.9640, 68.5575, 56.0241



67.1624, 68.5575, 104.8651

Square

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



58.9640, 68.5575, 56.0241



58.2852, 68.5575, 94.5359



71.7795, 68.5575, 96.9987



72.5591, 68.5575, 57.7645

Rectangle

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



58.9640, 68.5575, 56.0241



56.0417, 68.5575, 75.5716



71.7795, 68.5575, 96.9987



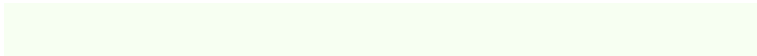
75.2213, 68.5575, 73.7309

Sweetspot

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



58.9658, 68.5605, 56.0256



90.2819, 97.7713, 98.3148



61.6983, 64.2078, 55.0414



19.1849, 20.8620, 20.7372



0.0000, 0.0000, 0.0000



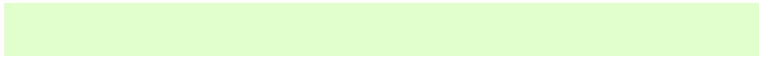
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9658, 68.5605, 56.0256



77.4394, 91.7474, 70.7543



55.5609, 66.7582, 57.9888



14.0380, 15.5998, 14.5780



18.0013, 32.3125, 5.2882



1.3464, 2.2906, 0.3712

Inverse Universe

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



56.6835, 53.4375, 77.1426



73.8614, 68.0461, 103.8490



60.5955, 55.5127, 74.6806



13.7441, 13.6516, 17.2983



13.8358, 6.2279, 41.5212



1.0589, 0.4832, 2.8827

Previews

White Background



This preview shows how the XYZ color 58.9640, 68.5575, 56.0241 looks on a white background.

Color Contrast Check

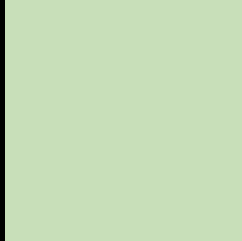
Large Text (above 18pt) WCAG AA × Fail

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 58.9640, 68.5575, 56.0241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

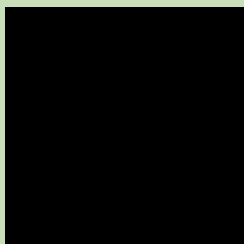
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

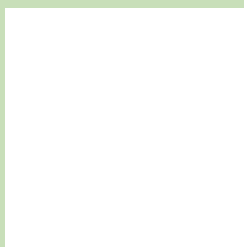
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9640, 68.5575, 56.0241

Background



This preview shows how black text looks on a background with the XYZ color 58.9640, 68.5575, 56.0241.



This preview shows how white text looks on a background with the XYZ color 58.9640, 68.5575,

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

58.9640, 68.5575, 56.0241

Protanopia

64.3195, 68.2680, 53.5031

Deuteranopia

69.6390, 68.3354, 57.0966



Tritanopia

64.9960, 68.2603, 86.8407

Trichromacy



Original Color

58.9640, 68.5575, 56.0241

Protanomaly

62.1302, 68.2719, 54.1592

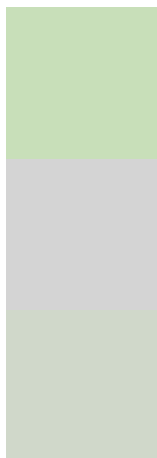
Deuteranomaly

65.0770, 67.8344, 56.6771

Tritanomaly

62.6280, 68.4583, 74.8787

Monochromacy



Original Color

58.9640, 68.5575, 56.0241

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.2290, 66.7859, 65.5410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9640, 68.5575, 56.0241 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(200, 223, 185)` looks like.

```
.text, #text, p{  
    color:rgb(200, 223, 185)  
}
```

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(200, 223, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 223, 185) }
```

Border

The CSS property to change the border of an element to XYZ 58.9640, 68.5575, 56.0241 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(200, 223, 185) }
```


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

```
.border{ border-color:rgb(200, 223, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 223, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 223, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 223, 185);  
box-shadow:4px 4px 4px 4px rgb(200, 223,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9640, 68.5575, 56.0241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 223, 185) }
```

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

```
.background{ background-color: rgb(200,  
223, 185) }
```

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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