

Converting Colors

XYZ(57.6365, 68.0574, 47.6347)

Have a look what the booklet for
XYZ(57.6365, 68.0574, 47.6347)
contains.

XYZ(57.6365, 68.0574, 47.6347)	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(57.6365, 68.0574,
47.6347)**

Conversions

Conversions Part 1

Format	Color
Hex	C9DFA9
RGB	201, 223, 169
RGB Percent	79%, 87%, 66%
CMY	0.2118, 0.1255, 0.3372
CMYK	0.10, 0.00, 0.24, 0.13
HSL	84°, 46%, 77%
HSV	84°, 24%, 87%
XYZ	57.6365, 68.0574, 47.6347
YIQ	210.2660, 4.2220, -21.4580

Conversions

Conversions Part 2

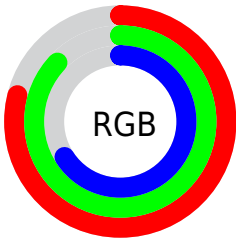
Format	Color
RYB	169, 223, 191
Decimal	13229993
CIELab	86.04, -16.60, 24.09
CIElCh	86, 29.257, 124.558
Yxy	68.0574, 0.3325, 0.3926
Android (android.graphics.Color)	4291420073 (0xFFC9DFA9)
YUV	210.2660, -20.3441, -8.1263
Hunter-Lab	82.4969, -19.6605, 23.5131

Details

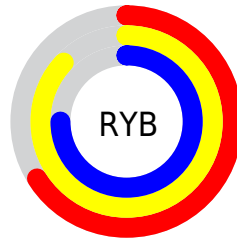
The XYZ color **57.6365, 68.0574, 47.6347** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.9958, 44.7818, 75.8771**, and the grayscale version is **61.5624, 64.7684, 70.5328**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **29.2461, 35.4927, 22.1390** is the 20% darker color. If you saturate the color by 10%, you get **53.3486, 66.0706, 37.4222**, and if you desaturate by 10%, it is **62.4296, 70.2675, 59.7375**.

Distribution



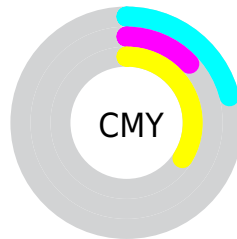
- Red (79%)
- Green (87%)
- Blue (66%)



- Red (66%)
- Yellow (87%)
- Blue (75%)



- Cyan (10%)
- Magenta (0%)
- Yellow (24%)
- Black (13%)



- Cyan (21%)
- Magenta (13%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6365, 68.0574, 47.6347 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 57.6365, 68.0574, 47.6347 by changing the saturation by 10% instead.

■ 57.6365, 68.0574,
47.6347

■ 57.6365, 68.0574,
47.6347

405.8058,
453.6994, 393.8092

■ 41.7586, 49.9444,
33.1798

■ 100.5193,
116.4343, 88.0201

■ 29.1026, 35.3692,
21.9919

128.2550,
147.4669, 114.7877

■ 19.3031, 23.9475,
13.6527

160.6740,
183.5750, 146.4966

■ 11.9948, 15.2946,
7.7435

198.1416,
225.1428, 183.5653

■ 6.8123, 9.0264,
3.8459

241.0232,
272.5547, 226.4123

■ 3.3903, 4.7584,
1.5412

289.6843,

■ 1.3634, 2.1062,

326.1952, 275.4563

0.2483

344.4900,
386.4486, 331.1158

■ 0.2299, 0.6681,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6365, 68.0574,
47.6347

■ 57.6365, 68.0574,
47.6347

■ 53.3486, 66.0706,
37.4222

■ 62.4296, 70.2675,
59.7375

■ 49.5400, 64.2896,
29.0001


■ 67.7418, 72.7000,
73.8149


■ 46.1902, 62.7083,
22.2659


■ 73.5931, 75.3653,
89.9516


■ 43.2748, 61.3166,
17.1052


■ 79.4802, 78.0625,
105.4863


 40.7668, 60.1034,
13.3890

 82.5976, 79.6695,
105.6321

 38.6351, 59.0558,
10.9683

 85.6791, 81.2581,
105.7764

 36.8423, 58.1586,
9.6613

 35.9265, 57.6948,
9.2427

Harmonies

Analogous

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



63.6659, 68.0574, 43.0203



57.6365, 68.0574, 47.6347



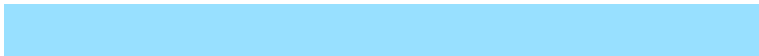
53.7152, 68.0574, 59.3279

Triad

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



57.6365, 68.0574, 47.6347



59.2977, 68.0574, 112.7544



78.4274, 68.0574, 71.2032

Complementary

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



57.6365, 68.0574, 47.6347



48.9958, 44.7818, 75.8771

Split Complementary

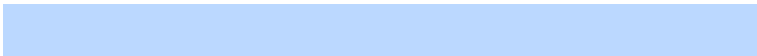
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.0584, 68.0574, 91.1475



57.6365, 68.0574, 47.6347



65.7179, 68.0574, 117.4054

Square

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



57.6365, 68.0574, 47.6347



54.6267, 68.0574, 97.1158



72.2892, 68.0574, 108.9117



75.9112, 68.0574, 55.0470

Rectangle

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



57.6365, 68.0574, 47.6347



52.6675, 68.0574, 70.6519



72.2892, 68.0574, 108.9117



78.4077, 68.0574, 77.6646

Sweetspot

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



57.6383, 68.0604, 47.6362



89.6826, 97.5497, 94.3379



56.1390, 55.6422, 45.3182



19.1003, 20.8360, 19.9373



0.0000, 0.0000, 0.0000



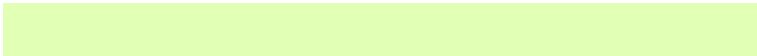
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6383, 68.0604, 47.6362



75.1158, 90.8446, 57.3187



51.0960, 64.6877, 47.3300



14.3035, 15.7366, 14.5904



21.2543, 33.9895, 5.4404



1.5739, 2.4079, 0.3818

Inverse Universe

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



48.9958, 44.7818, 75.8771



61.5002, 54.1639, 101.8210



56.3037, 48.5492, 76.2191



13.4782, 13.5146, 17.2859



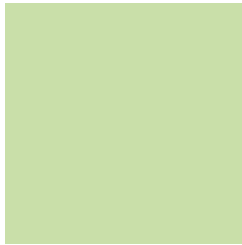
10.4812, 4.4986, 41.3643



0.8261, 0.3632, 2.8718

Previews

White Background



This preview shows how the XYZ color 57.6365, 68.0574, 47.6347 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 57.6365, 68.0574, 47.6347 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

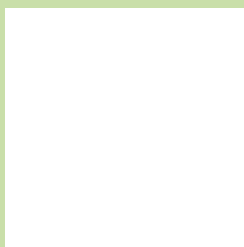
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6365, 68.0574, 47.6347

Background



This preview shows how black text looks on a background with the XYZ color 57.6365, 68.0574, 47.6347.



This preview shows how white text looks on a background with the XYZ color 57.6365, 68.0574,

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

57.6365, 68.0574, 47.6347

Protanopia

63.4051, 67.9755, 45.3761

Deuteranopia

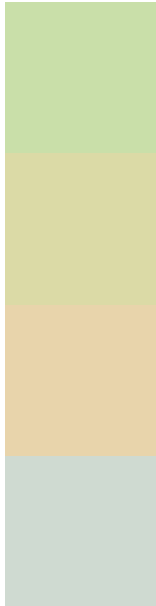
68.9420, 67.4452, 48.4143



Tritanopia

65.4443, 68.1287, 86.0448

Trichromacy



Original Color

57.6365, 68.0574, 47.6347

Protanomaly

61.1678, 67.9561, 45.9693

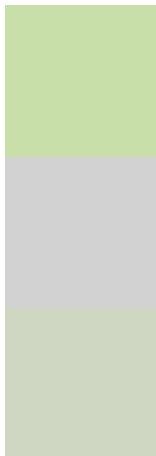
Deuteranomaly

64.1729, 67.1830, 48.1134

Tritanomaly

62.3122, 68.0117, 70.1650

Monochromacy



Original Color

57.6365, 68.0574, 47.6347

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.8829, 65.8064, 61.1755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6365, 68.0574, 47.6347 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, 223, 169)` looks like.

```
.text, #text, p{  
    color:rgb(201, 223, 169)  
}
```

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, 223, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 223, 169) }
```

Border

The CSS property to change the border of an element to XYZ 57.6365, 68.0574, 47.6347 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, 223, 169) }
```


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

```
.border{ border-color:rgb(201, 223, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 223, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 223, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 223, 169); box-shadow:4px 4px 4px 4px rgb(201, 223, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6365, 68.0574, 47.6347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 223, 169) }
```

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

```
.background{ background-color: rgb(201,  
223, 169) }
```

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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