

Converting Colors

XYZ(56.8378, 67.6457, 47.5974)

Have a look what the booklet for
XYZ(56.8378, 67.6457, 47.5974)
contains.

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Color

**XYZ(56.8378, 67.6457,
47.5974)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DFA9
RGB	198, 223, 169
RGB Percent	78%, 87%, 66%
CMY	0.2235, 0.1255, 0.3372
CMYK	0.11, 0.00, 0.24, 0.13
HSL	88°, 46%, 77%
HSV	88°, 24%, 87%
XYZ	56.8378, 67.6457, 47.5974
YIQ	209.3690, 2.4340, -22.0940

Conversions

Conversions Part 2

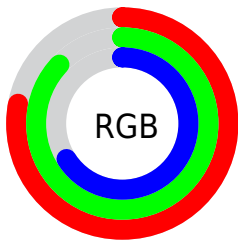
Format	Color
RYB	169, 223, 194
Decimal	13033385
CIELab	85.83, -17.67, 23.78
CIElCh	86, 29.626, 126.618
Yxy	67.6457, 0.3303, 0.3931
Android (android.graphics.Color)	4291223465 (0xFFC6DFA9)
YUV	209.3690, -19.9019, -9.9706
Hunter-Lab	82.2470, -20.5777, 23.2610

Details

The XYZ color **56.8378, 67.6457, 47.5974** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.7582, 45.1749, 75.9128**, and the grayscale version is **60.9717, 64.1470, 69.8561**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **28.7151, 35.2189, 22.1141** is the 20% darker color. If you saturate the color by 10%, you get **52.2912, 65.5255, 37.3728**, and if you desaturate by 10%, it is **61.9306, 70.0103, 59.7142**.

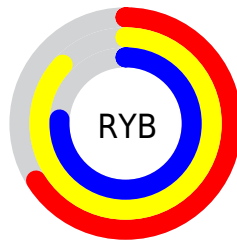
Distribution



Red (78%)

Green (87%)

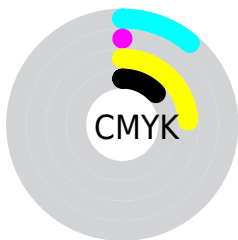
Blue (66%)



Red (66%)

Yellow (87%)

Blue (76%)

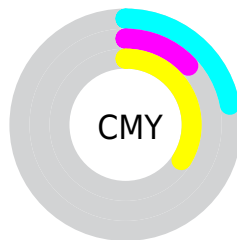


Cyan (11%)

Magenta (0%)

Yellow (24%)

Black (13%)



Cyan (22%)

Magenta (13%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8378, 67.6457, 47.5974 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 56.8378, 67.6457, 47.5974 by changing the saturation by 10% instead.

■ 56.8378, 67.6457,
47.5974

■ 56.8378, 67.6457,
47.5974

402.8653,
452.2397, 393.6567

■ 41.1147, 49.6096,
33.1504

■ 99.3612, 115.8451,
87.9640

■ 28.5968, 35.1033,
21.9697

126.8922,
146.7772, 114.7207

■ 18.9187, 23.7424,
13.6365

159.0898,
182.7768, 146.4177

■ 11.7152, 15.1427,
7.7324

196.3195,
224.2281, 183.4736

■ 6.6209, 8.9196,
3.8389

238.9465,
271.5157, 226.3069

■ 3.2704, 4.6888,
1.5374


287.3362,


■ 1.2983, 2.0658,


325.0239, 275.3361


0.2456

341.8540,
385.1371, 330.9799


 0.1819, 0.6453,
0.0000


 0.0000, 0.0000,
0.0000


 56.8378, 67.6457,
47.5974


 56.8378, 67.6457,
47.5974


 52.2912, 65.5255,
37.3728


 61.9306, 70.0103,
59.7142


 48.2637, 63.6317,
28.9404

 67.5848, 72.6191,
73.8077

 44.7337, 61.9575,
22.1978

 73.8213, 75.4830,
89.9624

 41.6755, 60.4922,
17.0304

 80.1381, 78.4017,
105.5170

■ 39.0605, 59.2238,
13.3092

■ 83.7305, 80.2536,
105.6852

■ 36.8564, 58.1389,
10.8850

■ 85.6791, 81.2581,
105.7764

■ 35.0242, 57.2214,
9.5762

■ 34.1000, 56.7533,
9.1572

Harmonies

Analogous

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



62.8064, 67.6457, 42.4777



56.8378, 67.6457, 47.5974



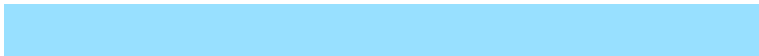
53.0699, 67.6457, 59.8258

Triad

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



56.8378, 67.6457, 47.5974



59.2654, 67.6457, 113.4545



78.1145, 67.6457, 69.4404

Complementary

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



56.8378, 67.6457, 47.5974



49.7582, 45.1749, 75.9128

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.



77.0013, 67.6457, 89.4655



56.8378, 67.6457, 47.5974



65.8074, 67.6457, 117.2487

Square

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



56.8378, 67.6457, 47.5974



54.4012, 67.6457, 98.2093



72.3779, 67.6457, 107.8189



75.3215, 67.6457, 53.5773

Rectangle

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



56.8378, 67.6457, 47.5974



52.1544, 67.6457, 71.4768



72.3779, 67.6457, 107.8189



78.1875, 67.6457, 75.8763

Sweetspot

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



56.8396, 67.6486, 47.5989



89.3324, 97.3692, 94.3215



56.7318, 56.8277, 45.5159



19.0192, 20.7942, 19.9335



0.0000, 0.0000, 0.0000



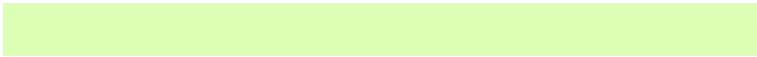
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8396, 67.6486, 47.5989



73.8513, 90.1927, 57.2595



50.4987, 64.3798, 47.3021



14.2282, 15.6978, 14.5869



20.1811, 33.4363, 5.3902



1.5019, 2.3707, 0.3784

Inverse Universe

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



49.7582, 45.1749, 75.9128



62.6937, 54.7792, 101.8769



57.1160, 48.9680, 76.2572



13.5522, 13.5527, 17.2893



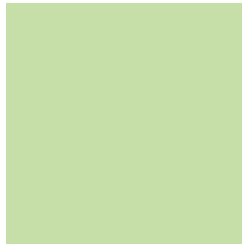
11.2652, 4.9027, 41.4009



0.8833, 0.3927, 2.8745

Previews

White Background



This preview shows how the XYZ color 56.8378, 67.6457, 47.5974 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 56.8378, 67.6457, 47.5974 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

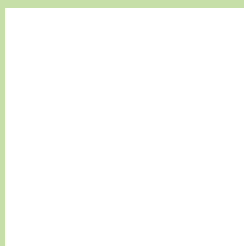
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8378, 67.6457, 47.5974

Background



This preview shows how black text looks on a background with the XYZ color 56.8378, 67.6457, 47.5974.



This preview shows how white text looks on a background with the XYZ color 56.8378, 67.6457,

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

56.8378, 67.6457, 47.5974

Protanopia

63.1512, 67.4678, 45.2915

Deuteranopia

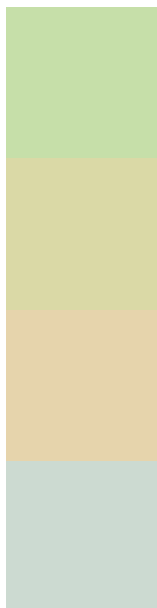
68.6811, 67.2995, 48.9054



Tritanopia

64.5981, 67.6925, 86.0052

Trichromacy



Original Color

56.8378, 67.6457, 47.5974

Protanomaly

60.6092, 67.2843, 45.8691

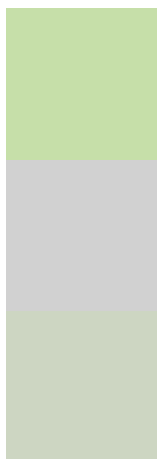
Deuteranomaly

63.6230, 66.8885, 48.5872

Tritanomaly

61.4819, 67.5836, 70.1261

Monochromacy



Original Color

56.8378, 67.6457, 47.5974

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.9610, 64.9673, 60.4713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8378, 67.6457, 47.5974 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(198, 223, 169)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 223, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 223, 169) }
```

Border

The CSS property to change the border of an element to XYZ 56.8378, 67.6457, 47.5974 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(198, 223, 169) }
```


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

```
.border{ border-color:rgb(198, 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(198, 223, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 223, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 223, 169);  
box-shadow:4px 4px 4px 4px rgb(198, 223,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8378, 67.6457, 47.5974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 223, 169) }
```

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

```
.background{ background-color: rgb(198,  
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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