

Converting Colors

XYZ(57.3931, 66.9163, 57.8189)

Have a look what the booklet for
XYZ(57.3931, 66.9163, 57.8189)
contains.

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Color

**XYZ(57.5474, 66.9891,
58.0412)**

Conversions

Conversions Part 1

Format	Color
Hex	C3DDBD
RGB	195, 221, 189
RGB Percent	76%, 87%, 74%
CMY	0.2353, 0.1333, 0.2588
CMYK	0.12, 0.00, 0.14, 0.13
HSL	109°, 32%, 80%
HSV	109°, 14%, 87%
XYZ	57.5474, 66.9891, 58.0412
YIQ	209.5780, -5.2240, -15.4640

Conversions

Conversions Part 2

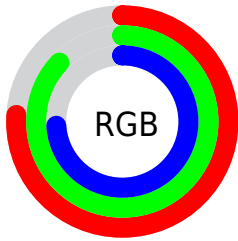
Format	Color
RYB	189, 221, 215
Decimal	12836285
CIELab	85.50, -14.50, 12.83
CIELCh	85, 19.364, 138.492
Yxy	66.9891, 0.3152, 0.3669
Android (android.graphics.Color)	4291026365 (0xFFC3DDBD)
YUV	209.5780, -10.1450, -12.7849
Hunter-Lab	81.8469, -17.7268, 15.2477

Details

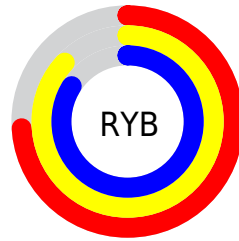
The XYZ color **57.5474, 66.9891, 58.0412** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.2758, 56.0646, 76.1075**, and the grayscale version is **61.0503, 64.2296, 69.9461**.

A 20% lighter version of the original color is **92.3863, 98.8080, 100.5888**, and **29.0647, 34.7127, 28.4609** is the 20% darker color. If you saturate the color by 10%, you get **50.9651, 63.8541, 46.1503**, and if you desaturate by 10%, it is **65.0570, 70.5638, 71.8865**.

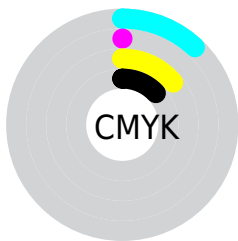
Distribution



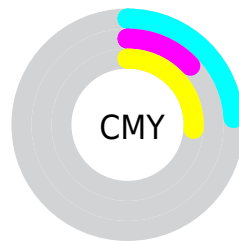
- Red (76%)
- Green (87%)
- Blue (74%)



- Red (74%)
- Yellow (87%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (14%)
- Black (13%)




- Cyan (24%)
- Magenta (13%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5474, 66.9891, 58.0412 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 57.5474, 66.9891, 58.0412 by changing the saturation by 10% instead.


 57.5474, 66.9891,
58.0412

 57.5474, 66.9891,
58.0412


405.4784,
449.9060, 434.9420

 41.6867, 49.0758,
41.4269

 100.3902,
114.9048, 103.4982

 29.0461, 34.6796,
28.3306


128.1031,
145.6759, 133.1780

 19.2602, 23.4162,
18.3338


160.4975,
181.5018, 168.0500

 11.9635, 14.9011,
11.0180

197.9386,
222.7668, 208.5327

 6.7909, 8.7500,
5.9646

240.7919,
269.8554, 255.0447

 3.3768, 4.5785,
2.7551

289.4228,

 1.3560, 2.0021,

323.1518, 308.0046

0.9710

344.1965,
383.0405, 367.8308

■ 0.2246, 0.6087,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5474, 66.9891,
58.0412

■ 57.5474, 66.9891,
58.0412

■ 50.9651, 63.8541,
46.1503

■ 65.0570, 70.5638,
71.8865

■ 45.2684, 61.1334,
36.1216

■ 73.5227, 74.5853,
87.7640

■ 40.4205, 58.8121,
27.8621

■ 82.9297, 79.0521,
105.4954

■ 36.3800, 56.8709,
21.2691

■ 85.1478, 80.1955,
105.5993

■ 33.1017, 55.2890,
16.2291

■ 30.5358, 54.0436,
12.6148

■ 28.6263, 53.1089,
10.2783

■ 27.3078, 52.4553,
9.0398

■ 26.7895, 52.1958,
8.6629

Harmonies

Analogous

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



61.0271, 66.9891, 52.3023



57.5474, 66.9891, 58.0412



55.7407, 66.9891, 68.2150

Triad

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



57.5474, 66.9891, 58.0412



61.9993, 66.9891, 99.3316



72.0304, 66.9891, 65.5264

Complementary

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



57.5474, 66.9891, 58.0412



59.2758, 56.0646, 76.1075

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.



72.3202, 66.9891, 77.8777



57.5474, 66.9891, 58.0412



66.3905, 66.9891, 98.3966

Square

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



57.5474, 66.9891, 58.0412



58.2309, 66.9891, 92.6160



70.2146, 66.9891, 90.1917



69.4401, 66.9891, 56.2685

Rectangle

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



57.5474, 66.9891, 58.0412



55.6700, 66.9891, 76.5741



70.2146, 66.9891, 90.1917



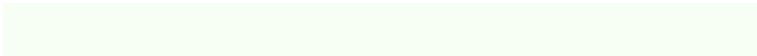
72.4043, 66.9891, 69.4222

Sweetspot

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



57.5492, 66.9920, 58.0427



90.4672, 97.8222, 100.3396



63.2056, 67.4467, 57.8323



19.1844, 20.8527, 21.1432



0.0000, 0.0000, 0.0000



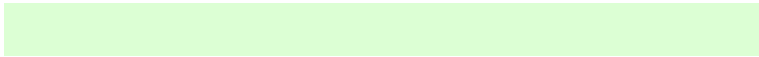
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5492, 66.9920, 58.0427



77.0471, 91.4366, 75.6443



57.1072, 66.6397, 63.6442



13.1132, 14.7231, 13.8763



15.6319, 30.3560, 5.0354



1.0808, 2.0017, 0.3294

Inverse Universe

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



59.2758, 56.0646, 76.1075



79.8193, 73.8833, 104.6617



59.8269, 56.4923, 69.6448



13.3626, 13.1451, 16.4851



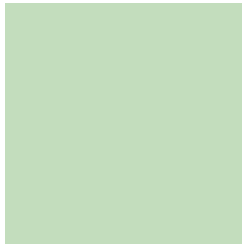
18.5481, 8.6861, 40.4374



1.2648, 0.5953, 2.6227

Previews

White Background



This preview shows how the XYZ color 57.5474, 66.9891, 58.0412 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 57.5474, 66.9891, 58.0412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

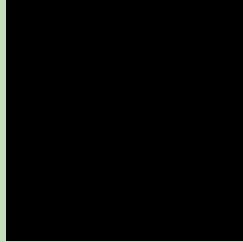
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

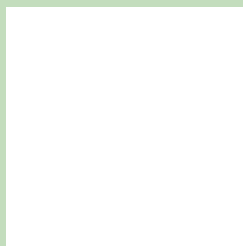
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5474, 66.9891, 58.0412

Background



This preview shows how black text looks on a background with the XYZ color 57.5474, 66.9891, 58.0412.



This preview shows how white text looks on a background with the XYZ color 57.5474, 66.9891,

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

57.5474, 66.9891, 58.0412

Protanopia

63.2917, 66.9386, 55.4835

Deuteranopia

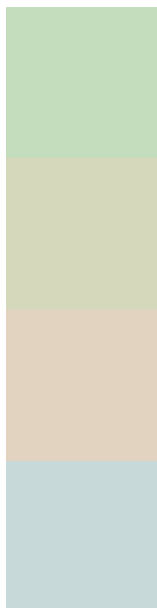
68.2037, 66.8256, 59.1731



Tritanopia

63.2230, 66.9836, 85.9409

Trichromacy



Original Color

57.5474, 66.9891, 58.0412

Protanomaly

60.8594, 66.8030, 56.1410

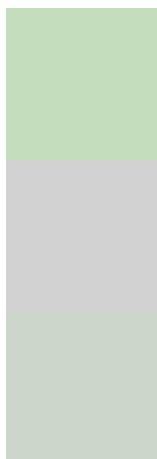
Deuteranomaly

63.7496, 66.3577, 58.7386

Tritanomaly

60.7607, 66.7257, 74.6427

Monochromacy



Original Color

57.5474, 66.9891, 58.0412

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.8841, 65.3365, 65.3321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5474, 66.9891, 58.0412 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(195, 221, 189)` looks like.

```
.text, #text, p{  
    color:rgb(195, 221, 189)  
}
```

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(195, 221, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 221, 189) }
```

Border

The CSS property to change the border of an element to XYZ 57.5474, 66.9891, 58.0412 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(195, 221, 189) }
```


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

```
.border{ border-color:rgb(195, 221, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 221, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 221, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 221, 189);  
box-shadow:4px 4px 4px 4px rgb(195, 221,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5474, 66.9891, 58.0412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 221, 189) }
```

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

```
.background{ background-color: rgb(195,  
221, 189) }
```

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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